



Laboratory Glassware & Accessories

Scan for Website



PRICELIST 2026-27

GLASSCO LABORATORY EQUIPMENTS PVT. LTD.

SCAN TO WATCH
MD'S MESSAGE



From the MD's Desk

This is a brief update on recent company performance and upcoming initiatives.

Mr. Sameer Jain



Welcome to **Glassco Laboratory Equipments** – A Legacy of Quality and Innovation

At **Glassco**, we specialize in manufacturing and exporting premium laboratory glassware and instruments that adhere to **USP, DIN, ISO, and ASTM** standards. With over **55 years** of expertise and a presence in more than **107 countries**, we pride ourselves on delivering unparalleled customization and innovative solutions. Our commitment to flexibility and excellence has been the cornerstone of our global expansion.

Since 2018, we have pioneered the production of disposable glassware, achieving a remarkable daily capacity of **one million pieces**. Our **Dispo-LabGlass®** range includes high-quality **Boro 3.3, 5.1 & 7.0 culture tubes, disposable test tubes, and pasteur pipettes**, trusted by laboratories worldwide.

Our Specialist Brands

The **GLASSCO GROUP** operates under three specialized brands, catering to diverse needs with a **portfolio of over 38,000 SKUs**:



Our flagship brand and the cornerstone of our expertise, **Glassco** specializes in manufacturing premium laboratory glassware. With an expansive product portfolio ranging from **volumetric glassware** to custom glass solutions, we are trusted globally for precision, durability, and compliance with the highest quality standards.

SKU's 25700+



Focused on **benchtop instruments** such as **stirrers, shakers, hotplates, heating mantles, kjeldahl, digestion and extraction systems**. These instruments boast advanced features like inbuilt temperature and pH probes, **Wi-Fi connectivity**, and complimentary **Labs-Connect™** software, launched in 2018.

SKU's 290+



Acquired in 2022, this brand specializes in **droppers, dropper bottles, glass cartridges**, and high-performance vials (**HPLC, TOC, scintillating vials**), catering primarily to **diagnostic, cosmetic, and pharmaceutical Industries**.

SKU's 12000+

Pioneering Industry Trends

Glassco has established itself as a Trendsetter in laboratory innovation:

In 2013, we became the first company to introduce **QR-LabGlass™**, enabling users to access product-specific information, such as calibration and conformity certificates, directly via their smartphones or servers.

Our **QR-LabGlass™** range integrates seamlessly with **Laboratory Information Management Systems (LIMS)**, further streamlining laboratory workflows in collaboration with **CaliberLIMS**

Why Choose Glassco?

We are committed to being the most preferred and efficient **one-stop solution** for all your laboratory product needs. Whether you require standard items or tailored solutions, our team is here to make it happen.

For further information, visit our website at www.glasscolabs.com or email us at contactus@glasscolabs.com.



GO TO
OUR WEBSITE



SCAN TO WATCH
CORPORATE
VIDEO

GLASSCO IN NUMBERS



OUR PLANT AREA
72000 M²



105 GLASS
BLOWERS



ISO 8 CLEANROOM
CLASS 100,000



WAREHOUSE FACILITY
180 CONTAINERS



NABL ACCREDITED
2.3 MILLION
CALIBRATION CERTIFICATE
Year



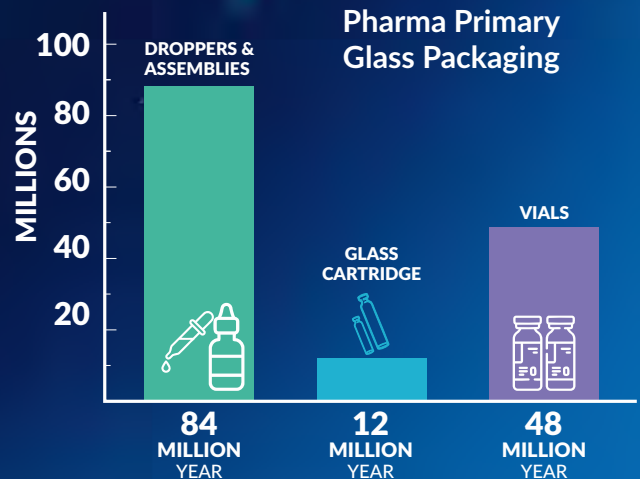
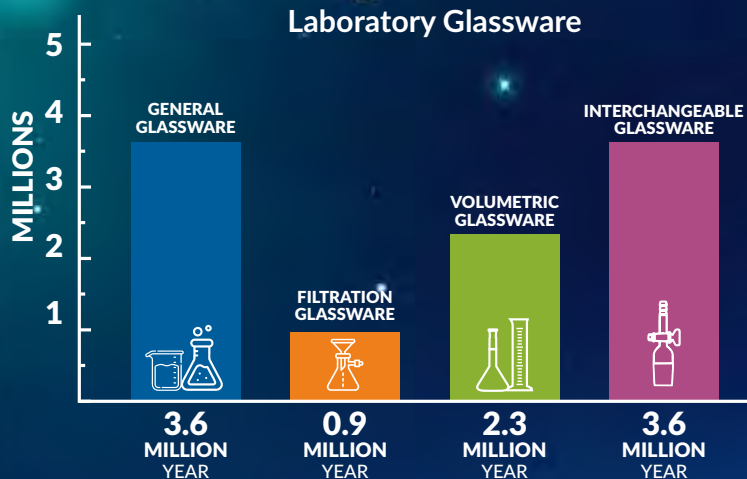
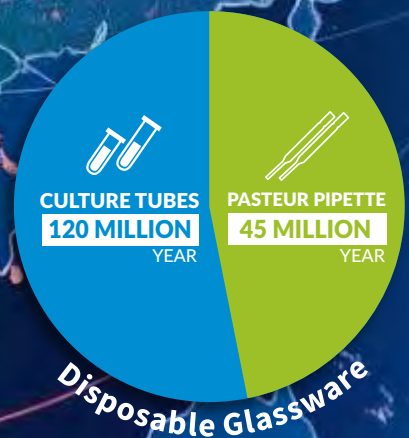
SHIPPING
950+ CONTAINERS
Year



WORLDWIDE
107 COUNTRIES



STRENGTH
900+ MANPOWER





Glassco's Vision

To be the most **trusted, valued & preferred** brand for every laboratory.

Glassco's Mission

To be a global example of **innovation and quality** for laboratory glassware equipment.

Our Values

Innovation: Drive development in processes, products and services that can differentiate us from our competitors and make us world leaders.

Teamwork: To collaborate, communicate and connect to improve employee experience and produce a better outcome in order to meet or exceed expectation and goals.

Growth: Strive to continuously improve, both, personally and professionally for mutual success.

Integrity: To be honest, transparent, ethical and take accountability for all actions and decisions.

Production Process at Glassco Laboratory Equipments Pvt. Ltd

At Glassco, we combine precision, innovation, and efficiency to deliver world-class laboratory glassware. Our production process reflects our commitment to quality and reliability at every stage, ensuring products meet the highest industry standards.

Raw Material: Uncompromised Quality

- We utilize **ASTM E-438 TYPE I, CLASS A BORO 3.3 GLASS tubing**, sourced exclusively from trusted suppliers to guarantee superior performance and durability.
- With an annual processing capacity of **1200 metric tonnes**, we maintain a robust and consistent material supply chain.
- To ensure uninterrupted production, we stock a minimum of **150 metric tonnes** of glass tubing at all times, equivalent to approximately **2.5 months of inventory**.

Glass Forming: Precision Engineering

- Our state-of-the-art **CNC glass-forming machines** enable unparalleled dimensional accuracy, crucial for joints and filtration glassware.
- All products are meticulously annealed using advanced **annealing lehrs** to eliminate residual stresses and enhance structural integrity.

Printing: High-Capacity Production

- With the ability to **print and cure 25,000 pieces per day**, our printing process ensures clear, durable markings and branding on all products.

Warehouse and Logistics: Streamlined Distribution

- Our newly established warehouse spans **7500 m²** of area that accommodates up to **180 container positions**, enabling efficient handling and storage.
- This advanced infrastructure allows us to achieve **shortest lead times** for product distribution, ensuring timely order fulfillment for our customers.

Software Integration: Optimized Operations

We leverage custom-designed software to manage every aspect of the manufacturing process, including:

- **Streamlined Operations:** Seamless integration of production workflows.
- **Inventory Management:** Real-time tracking of raw materials and finished goods.
- **Quality Control:** Enhanced monitoring across all stages to uphold superior product standards.
- **MIS System:** Our in-house performance system evaluates and motivates employees' productivity

Glassco's production process reflects our unwavering dedication to innovation, precision, and customer satisfaction, delivering exceptional quality glassware to laboratories worldwide.



Corporate Office – TQV SDO South Asia Pvt. Ltd. Solitaire, 4th Floor, ITI Road, Aurangabad, Pune – 411007, Maharashtra Phone: 020 6684 1200, Email – info@tuv-sud.in



Date: 20.12.2021

This is to certify that the Verification & Certification of Manufacturing facility

GLASSCO LABORATORY EQUIPMENTS PVT. LTD.
VILLAGE MANGLAI, KHUDDA KALAN,
AMBALA CANTT – 133 004,
HARYANA, INDIA

Has been found in compliance with the requirements of

**GOOD MANUFACTURING PRACTICE
GMP**

For the scope verified at site: **Manufacture of Laboratory Glassware for Use In General & Pharmaceutical Laboratories** has been verified through an audit vide Client No. 495017-01 and Customer Order No. 4153634480 by selecting Laboratory Glassware items as samples in accordance with GMP Norms. All activities were observed to be in control and compliant in accordance with GMP Norms.

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Calibration Excellence: Precision You Can Trust

- **State-of-the-Art Technology:** Featuring German calibration machines that ensure **0.003% accuracy** and **Class A** tolerance.
- **Automated Quality Checks:** Advanced systems verify the accuracy of Burettes, Pipettes, and Volumetric Flasks.
- **Certified Reliability:** Every piece of glassware is accompanied by its individual calibration certificate, guaranteeing precision and trustworthiness.

Glassco's Calibration Laboratory is accredited for its calibration and testing systems as per **ISO 17025:2017** standards. Our **NABL**-approved laboratory ensures compliance with international standards, supported by Mutual Recognition Arrangements (MRA) under the Asia Pacific Laboratory Accreditation Cooperation (**APLAC**) and the International Laboratory Accreditation Cooperation (**ILAC**). This global recognition guarantees that calibrations provided by Glassco are accepted by calibration laboratories worldwide, maintaining consistency and reliability in volumetric measurements. All calibrations are performed under the stringent requirements of **ISO 17025:2017**, ensuring precision you can trust.

Quality Policy: Commitment to Excellence

At Glassco, we are committed to producing and supplying laboratory products at affordable prices that consistently meet or exceed customer expectations. Our focus on timely deliveries and continual improvement is achieved by actively seeking customer feedback and incorporating relevant changes into our management systems.

Quality Management System: Globally Certified Standards

Glassco is recognized as a quality brand in international markets, delivering world-class laboratory products.

Our Quality Management System is:

- **ISO 9001:2015 Certified:** Accredited by Intertek under **UKAS**, ensuring compliance with global quality benchmarks.
- **Structured for Excellence:** Maintains a comprehensive **Quality System Manual** covering all business processes, from manufacturing to post-manufacturing levels.
- **Rigorous in Execution:** Supervisors and personnel involved in quality assurance are trained as internal auditors and routinely conduct internal audits to uphold stringent quality standards. Glassco is dedicated to maintaining a robust **quality system** that ensures superior performance, reliability, and customer satisfaction.



Volumetric Glassware

At Glassco, precision and accuracy are the foundation of our volumetric glassware. To achieve unparalleled quality, we employ state-of-the-art German automatic calibration machines, imported directly from Germany. Our Calibration Laboratory is accredited under ISO 17025:2017, ensuring that all calibrations meet the highest international standards.

1st
in Asia

Comes with Blue Miniscus

HIGHER

..... Visibility
..... Accuracy
..... Confidence

1st
in the World

QR Printed Code

INSTANT

..... Scan
..... Certificate
..... Calibration

1st
in
Glassware
Product

Integrated with CaliberLIMS

CHECK

..... Authenticity
..... Usage
..... Alerts

Calibration Procedures & Standards

All calibration processes in our laboratory adhere strictly to ISO 17025:2017 standards, guaranteeing precise and reliable results for all our volumetric products.

Burettes & Pipettes are calibrated to deliver (TD/EX)

- Burettes: Calibrated to deliver exact liquid volumes. Filled slightly above the zero mark, they are inspected for trapped air. During titration, the liquid is released slowly until the endpoint is indicated by a color change.
- Pipettes: Calibrated for precise volume delivery. Filled above the calibration mark, excess liquid is drained to the exact level to ensure accuracy.

Volumetric Flasks & Cylinders are calibrated to contain (TC/IN)

- Volumetric Flasks: Calibrated "to contain" an exact volume. Distilled water is added carefully until the calibration mark is reached, ensuring no air bubbles. Precise solutions are prepared by adding substances to exact measurements.
- Measuring Cylinders: Calibrated "to contain" a specified volume. Liquids are added carefully, aligning with the meniscus level to achieve precise measurements.

Glassco's meticulous calibration processes and adherence to international standards ensure the reliability and accuracy of all our volumetric glassware, making them a trusted choice for laboratories worldwide.



QR-LabGlass®

Enabled QR Codes
Now On All Glassco Boxes &
QR-Coded Volumetric Glassware



In Collaboration with

CaliberLIMS

Option 1



User Manual

Option 2



Certificate of
Conformity

Option 3



Certificate of
Calibration

Calibration Standards

All calibrations are conducted in accordance with **DIN, ISO, USP, and ASTM** standards. Glassco's glassware is conformity-certified to EICHORDUNG, the German Federal Weights & Measures Regulations, and is clearly marked with the conformity sign.

Types of Calibration Certificates

NABL INDIVIDUAL CALIBRATION CERTIFICATE

Glassco's NABL Calibration Certificate, issued by our NABL-accredited lab, in collaboration with the Asia Pacific Laboratory Accreditation Cooperation (**APLAC**) and the International Laboratory Accreditation Cooperation (**ILAC**), is internationally recognized. Both the instrument and the certificate display the **individual serial number** and **certificate number** for traceability.

INDIVIDUAL CERTIFICATE

Certain glassware comes with an Individual Certificate that provides the **serial number**, **mean value**, **standard deviation**, and measured uncertainty, along with the batch number. This certificate is included with the product and can also be accessed online or via a QR code.

BATCH CERTIFICATE

Each volumetric flask comes with a Batch Certificate that includes the mean value, standard deviation, and batch number. These certificates are provided in pairs and can be downloaded from our website or accessed through the QR code on the packaging.

Types of Standards

ISO STANDARD ISO 1042:1998

Glassco's ISO Grade : ISO (International Organization for Standardization) is a worldwide federation of national standards bodies. ISO is a non-governmental organization that comprises standards bodies from more than 160 countries, with one standards body representing each member country. **ISO 1042** was developed by Technical Committee ISO/TC 48, Laboratory glassware and related apparatus, Subcommittee SC 1, Volumetric instruments. In accordance with good laboratory practice, only narrow-necked class A volumetric flasks conforming to this International Standard should be used.

USP STANDARD USP

Glassco USP-grade (United States Pharmacopeia) standard flask comes with an Individual Certificate that includes the serial number, mean value, standard deviation, and measured uncertainty, along with the batch number. The certificate also specifies the month and year of manufacturing (e.g., 01.10) and the unique serial number (e.g., 605).

ASTM STANDARD **ASTM E-288**

ASTM stands for American Society for Testing and Materials. It's a not-for-profit organization that develops and publishes technical standards for a wide range of materials, products, systems, and services. ASTM E288 is a standard specification for laboratory glass volumetric flasks calibrated in accordance with the methods outlined in Practice E542.

CALIBRATION LABORATORY

Glassco Laboratories Pvt. Ltd.

AN ISO/IEC 17025:2017 ACCREDITED LABORATORY BY NABL

CALIBRATION CERTIFICATE

Certificate No.	Glassco 2412-236/2028	Lab No.	ICP/24000240000237
CRP No. & Design Date	2412/2024 10/12/2024	Date of Calibration	25/12/2024
Calibrated for	Glaxo Laboratories Pvt. Ltd. Bangalore, TC, India (Karnataka State, 560001) Bangalore	Ref.	ICP-23024
Item Description	Volumetric Flask	Cat. No.	130.508.50
Capacity/Tolerance	1000ml/±0.4ml	Batch No. / Serial No.	13.14 / 1128
Physical Condition	complectory	Location of Calibration	IN-16

Mechanical Calibration (Volume)

Calibration Result: This product was found to conform between the following error: $\pm 2.7\%$

Nominal Volume	Volume Contained	Correction	Delivery Time(seconds)	Expanded Uncertainty (at 95%LC, K=2)
1000 ml	1000.10 ml	-0.10 ml	N/A	± 0.04 ml

Reference standard / equipments used for calibration

Equipment	Make & Ss. No.	ID	Valid upto	Certificate No.
Weighing Balance	OHAUS & K240151120	INL-09	27/02/2025	C-24012-16.7
Thermometer	ROTOMETER, 2015	IN-08	28/02/2025	C-24042-7.1
Thermobag	WATERBURY, 88T-15	IN-01	28/02/2025	C-240128-3.5 & C-240128-2.1A

All the above equipment have valid calibration, traceable to NIST through NABL, Accredited Laboratories.

Calibration Method

Calibration carried out using laboratory SOP-14 following guidelines based on ISO 4787:2013

Statement of Conformity

The above product has been examined for the compliance to ISO 1042:1988 Class A, & NIS 913, 2012. It has been found to satisfy the specified requirements.

Environmental Conditions

The above item has been calibrated at 24.4°C and $50\pm 0.5\text{mmHg}$.

Remarks: The above calibration result is in compliance with all the above calibration undetected lab conditions. This report shall not be reproduced except in full, without written permission from Glassco Calibration Laboratory. The validity of any use for the item submitted for calibration for the purpose of this calibration is dependent of future. This certificate can be used for scientific, industrial, quality control, pharmaceutical, diagnostic laboratories only.

Suspension: Under ASTM D422-04, Class A and Reclamation 7 volumetric equipment will be calibrated individually provided that it is not required to be homogeneous and not aqueous and not emulsed, not solidified, and that it is not heated above 52°C when dry. Allowing of the glass product cleaned when not required that the glass vessel not be used and measurement may be used in a procedure, however it is recommended that the volumetric glassware should be re-calibrated after 90 days of service regardless of its appearance.

Authorized Signatory


Manager (A)
(Ann Verma)

Date of Issue: 27/07/2023

This is an electronically generated certificate.

End of Report

GLASSCO

GLA

Glassco Calibration Laboratory Pvt. Ltd.
Bangalore, P.O. Khushiata Estate, Bangalore City 560004,
Bangalore (India), Tel: +90-71-6451250
www.glassco.com, info@glassco.com

Individual

GLASSCO Laboratory Equipments Pvt. Ltd

GR 1401 ISSUE 01 REV 4 DT 01 APR 2022

CALIBRATION CERTIFICATE

(Glassco Calibration Laboratory)

(ISO 17025:2017 Certified Laboratory)

CERTIFICATE NO	GLASSCO/2412/31/32135	CRF	31316122024
CALIBRATION DATE	18/12/2024	CAL REPORT NO.	2412-315
CUSTOMER			
LCH-STOCK			
TEST METHOD			
GRAVIMETRIC METHOD			
ITEM CALIBRATED			
AMBER VOLUMETRIC FLASK- 1000 ml			
CATALOGUE NUMBER			
135.576.10A			
BATCH NO & SERIAL NO.			
10 242135			

CALIBRATION RESULT : The product is calibrated at 27°C

VOLUME CORRECTED	999.99 ml
TOLERANCE	±0.40 ml
CORRECTION	0.01 ml

Expanded uncertainty (at 95% C.L.k=2) is ±0.04 ml

The product has been calibrated with the following devices:

Standard weights	1000 g
Weighting balance	SAL-02.3100g/0.01 g(CHAUS)
Thermometer	DM-31, -50°C to 300°CX 1°C
Bromelox	BHT-02, (10-1100) mbar/0.1 mbar

All the above devices have valid calibrations traceable to NPL, India / NMI, Accredited Labs, G1 international standards.

The above product has been examined for compliance to ISO 1042:1998 Class A & IS 915:2021, it has been found to satisfy

the specified requirements. The above item has been calibrated at (23±3)°C at RH (60±20)%.

The above calibration result is valid at the time of calibration under lab conditions. This report shall not be reproduced, except in full, unless with written permission from Glassco Laboratory Equipments Pvt. Ltd.

The Results are valid only for the item submitted for calibration.

Authorised Signatory

DATE OF ISSUE:18/12/2024

This is an electronically generated certificate

Manager QA
(And Veritas)

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www.glasscolabs.com

page 1 of 1

Batch

www.glasscolabs.com		
VOLUMETRIC FLASK CLASS A		
CATALOGUE NO	:	130.202.02
NOMINAL VOLUME	:	10.00 ml
TOLERANCE	:	±0.040 ml
COMPLIANCE	:	ISO1042:1998
BATCH NO	:	09.24
MEAN VOLUME CONTAINED	:	10.002 ml
STANDARD DEVIATION	:	0.013 ml
TESTING DEVICE NAME	:	METTLER
BALANCE	:	ABAL-18,420g/0.001g
WEIGHTS	:	10 g
THERMOMETER	:	DM-28; 50h300/30DEG C/0.1 DEG C
OPERATOR	:	PAWAN
DATE OF ISSUE	:	15.10.2024

All Glassco boxes comes with QR-LabGlass



**NEW FACE,
NEW PACE !**

Use your
smartphone
to scan the QR code
on the box labels ...

FROM HERE
YOU GET



USER MANUAL

**User
Manual**

CERTIFICATE OF CONFORMITY

GLASSCO LABORATORY EQUIPMENTS-PVT. LTD.
Bangalore, P.O. Khadda Kothi, Ambala Cantt - 150011
Haryana, India

Material: Erlenmeyer Flask
Borosilicate Glass
Erlenmeyer Flask is used to measure, mix or hold liquid chemicals

Object of Declaration: Intentional
Purpose of Use: Specification of Erlenmeyer Flask - specified in Table-1, DIN ISO 1772

Container No.	Product Description	Capacity ml	Pack Qty
202.202.01	Erlenmeyer Flask, Wide Neck	25	10
202.202.02	Erlenmeyer Flask, Wide Neck	50	10
202.202.03	Erlenmeyer Flask, Wide Neck	100	10
202.202.04	Erlenmeyer Flask, Wide Neck	250	10
202.202.05	Erlenmeyer Flask, Wide Neck	500	10
202.202.06	Erlenmeyer Flask, Wide Neck	1000	05

The above information is in conformity with the requirements of the following documents:
Borosilicate Glass 3.2
Laboratory Glassware - Erlenmeyer Flask
These flask comply in every respect characteristics, measures and accuracy are in full conformity with the provisions of the standard DIN ISO 1772

Additional Information:
Glassco has installed the quality control system as per ISO 9001 and products delivered to the market are in full conformity with the technical specification as per standard and with all Laboratory requirements in such products.

Certificate No. IPR-0038-69-02 issued by Intertek Certification Limited, A UKAS Management System Accredited Body

This document has been produced electronically & is valid without signature

**Certificate of
Conformity**

**SCAN TO
KNOW MORE
ABOUT US**



 www.glasscolabs.com

 info@glasscolabs.com

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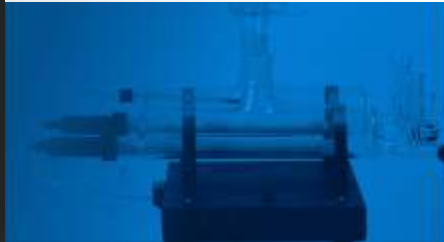


Vials, Cartridges & Droppers 290-306



Water Distillation

307-316



Benchtop Instruments 317-349



Adapter

- Our wide range of interchangeable jointed glassware adapters ensure a secure and airtight connection for efficiency in your apparatus.
- All adapters, ranging between reduction, expansion, multi neck, inlet, short & long stem with/without drip tips in various sizes and shapes, are manufactured from ASTM E438, TYPE 1: Class A Boro 3.3 glass that meets DIN/ISO 3585 & USP Type I standards.



Adapter, Bushing with Drip Tip

- Thick wall and reinforced rim.
- Full length (larger standard taper size) outside of the bushing and shorter length inside of the bushing
- To compactly and conveniently assemble dissimilar sized joints glassware

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.230.01	14/23	19/26	10	544
013.230.02	19/26	29/32	10	877

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.478.01	14/20	19/22	1	556
013.478.01A	14/20	24/40	1	599
013.478.02	14/35	24/40	1	599

3.3
BORO
GLASS



Adapter, Reduction

- Complies as per DIN 12257
- Small sized socket at the top and larger sized cone at the base to connect dissimilar size ground glass joints

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.202.01*	14/23	14/23	10	411
013.202.01A	14/23	19/26	10	419
013.202.02*	14/23	24/29	10	517
013.202.03	14/23	29/32	10	544
013.202.04*	19/26	24/29	10	517
013.202.05	19/26	29/32	10	616
013.202.06*	19/26	34/35	10	798
013.202.07*	19/26	40/38	10	829
013.202.08*	19/26	45/40	10	895
013.202.09*	19/26	55/44	10	1258
013.202.10*	24/29	29/32	10	616
013.202.11*	24/29	34/35	10	798
013.202.12*	24/29	40/38	10	837
013.202.13*	24/29	45/40	10	937
013.202.14*	24/29	50/42	10	1046
013.202.15*	24/29	55/44	10	1264
013.202.16*	29/32	34/35	10	803
013.202.17*	29/32	40/38	10	896
013.202.18	29/32	45/40	10	974
013.202.19*	34/35	40/38	10	1361
013.202.20*	34/35	45/40	10	1476
013.202.21*	34/35	50/42	10	1778

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
013.470.02A	14/20	19/22	1	472
013.470.02	14/20	24/40	1	575
013.470.04	19/22	24/40	1	599
013.470.10	24/40	29/42	1	720
013.470.13	24/40	45/50	1	937

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



*Non DIN/ISO

Adapter, Expansion

- Complies with DIN 12257 standard
- Large sized socket at the top and smaller sized cone at the base to connect dissimilar size ground glass joints
- Secure and airtight connection for distillation set ups

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
014.202.01	19/26	14/23	10	419
014.202.02*	24/29	14/23	10	517
014.202.03*	24/29	19/26	10	517
014.202.03A	29/32	14/23	10	587
014.202.04	29/32	19/26	10	616
014.202.05*	29/32	24/29	10	616
014.202.06*	34/35	19/26	10	798
014.202.07*	34/35	24/29	10	798
014.202.08*	34/35	29/32	10	798
014.202.09*	40/38	24/29	10	950
014.202.10*	45/40	29/32	10	1064

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
014.470.01	19/22	14/20	1	478
014.470.02	24/40	14/20	1	587
014.470.03	24/40	19/22	1	587
014.470.05	29/42	24/40	1	702
014.470.09A	45/50	24/40	1	1083

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

*Non DIN/ISO

Adapter, Multiple joint with two parallel necks

- Complies with DIN 12594 standard
- Ground glass joints with a standard taper and smooth surface compatible with a variety of glassware to handle multiple liquids simultaneously

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
015.202.01	14/23	14/23	1	438
015.202.01A*	14/23	19/26	1	490
015.202.02	19/26	19/26	1	473
015.202.03*	19/26	24/29	1	532
015.202.04*	24/29	24/29	1	576
015.202.05*	19/26	34/35	1	675
015.202.06	29/32	29/32	1	749

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
015.470.01	14/20	14/20	1	484
015.470.03	19/22	19/22	1	532
015.470.04	24/40	24/40	1	647

3.3
BORO
GLASS



2 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

*Non DIN/ISO



Adapter



Adapter, Multiple joint with two necks

- One vertical neck, 45° angle neck and a base cone
- Compatible with a variety of glassware for leak proof liquid transferring

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
016.202.01	14/23	14/23	1	490
016.202.01A	14/23	19/26	1	490
016.203.01B	14/23	24/29	1	508
016.202.02	19/26	19/26	1	473
016.202.03	19/26	24/29	1	507
016.202.04	14/23	29/32	1	889
016.202.05	29/32	29/32	1	526

3.3
BORO
GLASS



2 x
SOCKET

1 x
CONE



ENQUIRE



Adapter, Multiple

- Two vertical neck, 45° angle neck and a base cone
- Compatible with a variety of glassware for leak proof liquid handling and transferring

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
017.202.01	19/26	19/26	1	696
017.202.01A	19/26	24/29	1	694
017.202.02	19/26	29/32	1	803
017.202.03	24/29	24/29	1	1131
017.202.04	29/32	29/32	1	1258

3.3
BORO
GLASS



3 x
SOCKET

1 x
CONE



ENQUIRE



Adapter, Swan Neck with screw thread joint

- Easy to connect with thermometer, air leak tubes, rubber hose, etc.

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
018.202.01	14/23	19/26	1	490
018.202.01A	19/26	19/26	1	463
018.202.02	19/26	24/29	1	364
018.202.03	24/29	24/29	1	561
018.202.04	29/32	29/32	1	616

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE

Adapter, Receiver Delivery with short stem

- With 105° plain bend
- Used to extend drip tip to receiver flask

Item Code	Socket Size	Approx Stem Length (mm)	Pack of	Price / Piece
019.202.01	14/23	65	10	271
019.202.02	19/26	65	10	320
019.202.03	24/29	65	10	364
019.202.04	29/32	65	10	453

3.3
BORO
GLASS



1 x SOCKET



ENQUIRE



Adapter, Receiver Delivery with Long stem

- With 105° plain bend
- Used to extend drip tip to receiver flask

Item Code	Socket Size	Approx Stem Length (mm)	Pack of	Price / Piece
019.202.05	14/23	190	10	409
019.202.06	19/26	200	10	409
019.202.07	24/29	200	10	473
019.202.08	29/32	200	10	576

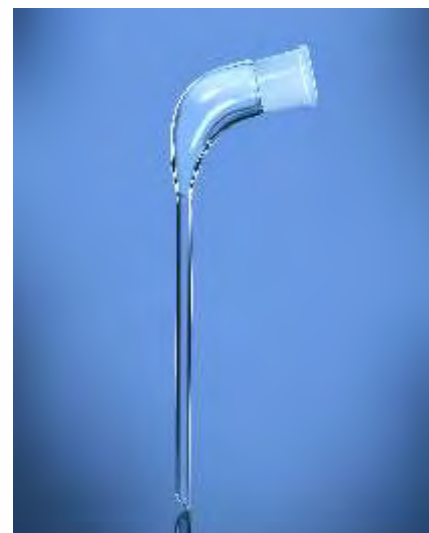
3.3
BORO
GLASS



1 x SOCKET



ENQUIRE



Adapter, Receiver, Straight

- Used to extend drip tip to receiver flask

Item Code	Socket Size	Pack of	Price / Piece
020.202.01	14/23	10	271
020.202.02	19/26	10	320
020.202.03	24/29	10	355
020.202.04	29/32	10	478

3.3
BORO
GLASS



1 x SOCKET



ENQUIRE



Adapter



Adapter, Receiver Plain Bend with Vent

- With 105° bend drip tip
- Sidearm vent provides an escape to gases during experiments and avoids closed system problems
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
021.202.01	14/23	14/23	1	364
021.202.02	19/26	19/26	1	424
021.202.03	19/26	24/29	1	507
021.202.04	24/29	24/29	1	557
021.202.05	29/32	29/32	1	803

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



Adapter, Receiver Plain Bend without Vent

- With 105° bend drip tip
- Without Vent
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
025.202.00	14/23	14/23	1	417
025.201.00A	14/23	19/26	1	417
025.202.01	19/26	19/26	1	424
025.202.02	19/26	24/29	1	463
025.202.03	24/29	24/29	1	557
025.202.04	29/32	29/32	1	803

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
025.470.06	24/40	24/40	1	617

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Distillation Angled 105°

- With drip tip and delivery stem inside the cone
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
025.475.01	14/20	14/20	1	399

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE

Adapter, Recovery Bend With Sloping End

- With 75° bend drip tip
- Used to create a multi-neck flask setup
- To compactly and conveniently assemble dissimilar joints

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
026.202.01	14/23	14/23	1	320
026.202.02	24/29	14/23	1	424
026.202.03	19/26	19/26	1	424
026.202.04	24/29	19/26	1	443
026.202.05	29/32	19/26	1	576
026.202.06	29/32	29/32	1	576
026.202.07	24/29	24/29	1	443
026.202.08	34/35	24/29	1	685
026.202.09	29/32	24/29	1	708
026.202.10	34/35	34/35	1	763

ASTM Sizes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
043.470.03	24/40	24/40	1	641

3.3
BORO
GLASS



2x
CONE



ENQUIRE



ENQUIRE



Adapter, Vacuum Receiver, Straight

- Complies with DIN 12594 standard
- With drip tip and delivery stem inside the cone
- With a screw thread and straight vacuum connection
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
022.202.01	14/23	14/23	1	393
022.202.02*	14/23	19/26	1	411
022.202.02A	19/26	19/26	1	484
022.202.03*	19/26	24/29	1	532
022.202.04*	24/29	24/29	1	581
022.202.05*	24/29	29/32	1	689
022.202.06	29/32	29/32	1	1149

*Non DIN/ISO

ASTM Sizes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
022.472.04S	24/40	24/40	1	665

3.3
BORO
GLASS



2x
SOCKET

1x
CONE



ENQUIRE



ENQUIRE



Adapter



Adapter, Vacuum Receiver, Angled, 105°

- Complies with DIN 12594 standard
- With drip tip and delivery stem inside the cone
- With a screw thread and bend with Vacuum Connection
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
022.201.01	14/23	14/23	1	630
022.201.02*	14/23	19/26	1	384
022.201.03	19/26	19/26	1	694
022.201.04*	19/26	24/29	1	739
022.201.05*	24/29	24/29	1	803
022.201.06*	24/29	29/32	1	1010
022.201.07	29/32	29/32	1	1118

*Non DIN/ISO

ASTM Sizes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
022.471.01S	14/20	14/20	1	484
022.471.03S	19/22	19/22	1	575
022.471.05S	24/40	24/40	1	702

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

Adapter, Receiver With Side Socket

- Socket inclined at 105° angle
- With drip tip inside the cone

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
023.202.01	14/23	14/23	1	562
023.202.02	19/26	19/26	1	720
023.202.03	19/26	24/29	1	774
023.202.04	24/29	24/29	1	889
023.202.05	29/32	29/32	1	1101

3.3
BORO
GLASS



2 x
SOCKET

1 x
CONE



ENQUIRE

Adapter, Distilling Cow Receiver

- Four cones encased with drip tip and one socket joint
- Flask 100 ml

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
024.475.01	14/20	14/20	1	1198

3.3
BORO
GLASS



1 x
SOCKET

4 x
CONE



ENQUIRE



Adapter, Receiver

- Parallel necks and 45° angle neck
- With multi connection and screw thread
- Connect upto three flasks
- With sidearm for vacuum connection
- With socket for condenser connection

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
024.202.01	14/23	14/23	1	1118
024.202.02	14/23	19/26	1	1182
024.202.03	19/26	19/26	1	1310

3.3
BORO
GLASS



1 x
SOCKET

3 x
CONE

SCREW



ENQUIRE



Adapter, Distilling Receiver With Hose Connection

- Three-way, cow type distillation receiver spaced 40° apart
- 135° angle between the centerline of the condenser and the receiver tubes
- Compatible with short path distilling heads
- Compatible for vacuum connection

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
024.471.03	24/40	24/40	1	1226

3.3
BORO
GLASS



1 x
SOCKET

3 x
CONE



ENQUIRE



Adapter, Distilling Receiver Without Hose Connection

- Three-way, cow type distillation receiver spaced 40° apart with drip tip
- 135° angle between the centerline of the condenser and the receiver tubes
- Compatible with short path distilling heads

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
024.470.01	14/20	14/20	1	1179
024.470.02	24/40	24/40	1	1476

3.3
BORO
GLASS



1 x
SOCKET

3 x
CONE



ENQUIRE



Adapter



Adapter, Recovery Bend, Vertical

- With Drip Tip
- Used in distillation assembly

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
027.202.01	14/23	14/23	1	453
027.202.02	19/26	19/26	1	557
027.202.03	24/29	19/26	1	547
027.202.04	24/29	24/29	1	694
027.202.05	29/32	29/32	1	916

3.3
BORO
GLASS



2 x
CONE



ENQUIRE



Adapter, Claisen Heads

- Complies with DIN 12594 standard
- Two B14 sockets, 75°
- With extra socket encased with drip tip to connect dropping funnels, stirrers, etc

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
029.202.01	14/23	14/23	14/23	1	749
029.202.02*	14/23	19/26	19/26	1	832
029.202.03*	14/23	24/29	19/26	1	877
029.202.04*	14/23	24/29	24/29	1	887
029.202.05*	14/23	29/32	29/32	1	1024
029.202.06*	14/23	34/35	24/29	1	1019

3.3
BORO
GLASS



2 x
CONE

2 x
SOCKET



ENQUIRE

*Non DIN/ISO

Adapter, Still Head Plain

- Complies with DIN 12594 standard
- with drip tip, 75°
- with thermometer socket
- used for connecting flask to a condenser in a distillation assembly

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
028.202.01	14/23	14/23	14/23	1	601
028.202.02	14/23	19/26	19/26	1	685
028.202.03*	14/23	24/29	19/26	1	763
028.202.04	14/23	29/32	19/26	1	847
028.202.05*	14/23	34/35	19/26	1	975
028.202.06*	14/23	24/29	24/29	1	778
028.202.07*	14/23	34/35	24/29	1	1138
028.202.08*	14/23	29/32	24/29	1	913
028.202.09*	14/23	29/32	29/32	1	1212
028.202.10*	14/23	34/35	29/32	1	1240

*Non DIN/ISO

ASTM Sizes

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
028.470.02	19/22	19/22	19/22	1	786
028.470.03	24/40	24/40	24/40	1	937
028.470.04	14/20	14/20	14/20	1	683

3.3
BORO
GLASS



1 x
SOCKET

2 x
CONE



ENQUIRE



ENQUIRE



Adapter, Splash Heads, Straight

- Pear shaped
- With drip tip
- Used different sized glassware joints to precisely control the flow of liquid
- Prevents raw liquid from moving from the flask to the condenser

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
030.202.01	14/23	14/23	1	685
030.202.02	19/26	24/29	1	749
030.202.03	29/32	29/32	1	793

ASTM Sizes

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.402.04A	100	24/40	24/40	1	974

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter



Adapter, Splash Heads

- Pear shaped, vertical 105° angle
- Lower cone compatible with connecting flasks and upper cone compatible with connecting condensers
- Used different sized glassware joints to precisely control the flow of liquid
- Used in distillation, filtration, and synthesis processes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
031.202.01	14/23	14/23	1	895
031.202.02	19/26	19/26	1	847
031.202.03	24/29	19/26	1	877
031.202.04	24/29	24/29	1	1088
031.202.05	29/32	29/32	1	1182

3.3
BORO
GLASS



2 x
CONE



ENQUIRE



Adapter, Splash Heads, Sloping

- With drip tip, 75° angle
- Pear shaped
- Used for safe liquid transferring

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
032.202.01	14/23	14/23	1	853
032.202.02	19/26	19/26	1	803
032.202.03	24/29	19/26	1	847
032.202.04	24/29	24/29	1	916
032.202.05	29/32	29/32	1	951

3.3
BORO
GLASS



2 x
CONE



ENQUIRE



Adapter, Steam Distillation Heads, Sloping

- With drip tip, 75° angle
- With integral stem
- Pear shaped with screw thread
- Used to connect dissimilar joint sized glassware for distillation processes and safe liquid transferring

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of	Price / Piece
033.202.01	24/29	19/26	1	1182
033.202.02	34/35	19/26	1	1443
033.202.03	34/35	24/29	1	1487

3.3
BORO
GLASS



2 x
CONE



ENQUIRE

Adapter, Splash Head, Rotary Evaporator

- Prevents foaming contents from entering the condenser
- Used with rotary evaporators
- Modified bump traps provide expanded volume from a reaction that has a tendency of excessive foam.

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.275.06	150	29/32	19/26	1	1113
030.275.06A	150	29/32	24/29	1	1143
030.275.06B	150	29/32	29/32	1	1179

ASTM Sizes

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.475.02	250	24/40	24/40	1	1966
030.475.04A	100	24/40	24/40	1	1113
030.475.01A	250	24/40	14/20	1	1917
030.475.04	100	24/40	14/20	1	1077

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Splash Head, Anti-Climb Rotary Evaporator

- Prevents foaming contents from entering the condenser
- Used with rotary evaporators

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.276.03	150	29/32	19/26	1	1113
030.276.03A	150	29/32	24/29	1	1143
030.276.03B	150	29/32	29/32	1	1179

ASTM Sizes

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.476.02	250	24/40	24/40	1	1966

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Flash Chromatography Reservoirs

- Used to connect a reservoir to a column in a flash chromatography system

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of	Price / Piece
030.480.02A	250	24/40	24/40	1	1966

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



Adapter



Adapter, Cone with stopcock

- With drip tip
- With right angle/straight connection, glass stopcock

Item Code	Cone Size	Stopcock Bore	Angle	Pack of	Price / Piece
034.202.01	14/23	2.5	Right Angle	1	2034
034.202.02	19/26	2.5	Right Angle	1	2049
034.202.03	24/29	2.5	Right Angle	1	2197
034.202.04	29/32	2.5	Right Angle	1	2339
034.260.01	14/23	2.5	Straight	1	1758
034.260.02	19/26	2.5	Straight	1	1783
034.260.03	24/29	2.5	Straight	1	1896
034.260.04	29/32	2.5	Straight	1	2118

3.3
BORO
GLASS



1 x
CONE

DRIP TIP

GLASS



ENQUIRE

PS: The below Adapter can also be supplied with PTFE key or PTFE Needle valve stopcock. Please ask for prices separately



Adapter, Vacuum with ASTM Sizes

- With right angle connection, PTFE key, stopcock

Item Code	Cone Size	Pack of	Price / Piece
034.470.02	19/22	1	1651

3.3
BORO
GLASS



1 x
CONE

PTFE



ENQUIRE



Adapter, Vacuum

- With straight connection, PTFE key, stopcock

Item Code	Cone Size	Pack of	Price / Piece
034.470.01J	14/20	1	1651
034.470.03J	24/40	1	1669

3.3
BORO
GLASS



1 x
CONE

PTFE



ENQUIRE

Adapter, Flushing with stopcock

- With 2mm T-bore, PTFE key, stopcock

Item Code	Cone Size	Pack of	Price / Piece
048.202.01	24/40	1	1706

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Socket with Glass stopcock

Item Code	Socket Size	Stopcock Bore	Pack of	Price / Piece
035.202.01	14/23	2.5	1	2034
035.202.02	19/26	2.5	1	2049
035.202.03	24/29	2.5	1	2197
035.202.04	29/32	2.5	1	2339

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE

PS: The below Adapter can also be supplied with PTFE key or PTFE Needle valve stopcock.
Please ask for prices separately



Adapter, socket with PTFE needle valve stopcock

- Provides fine flow control and positive closure
- With detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Bore Size (mm)	Pack of	Price / Piece
035.212.01	14/23	0-3.0	1	762
035.212.02	19/26	0-3.0	1	798
035.212.03	24/29	0-3.0	1	835

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



Adapter



Adapter, T- shape cone with PTFE needle valve stopcock

- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 glass
- With PTFE needle valve stopcock
- With detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Bore Size (mm)	Pack of	Price / Piece
046.212.01	14/23	0-3.0	1	762
046.212.02	19/26	0-3.0	1	798
046.212.03	24/29	0-3.0	1	835

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Vaccum/Argon (Nitrogen)

- With straight hose connection at top
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Cone Size	Pack of	Price / Piece
020.475.01	14/20	1	399
020.475.03	24/40	1	454

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter Inlet With Fritted Disc

- The extra coarse disc between the serrated hose connection and the inner joint prevents solid from contaminating reaction system during liquid transfer
- Hose connection has a O.D. of 8 mm

Item Code	Cone Size	Pack of	Price / Piece
036.471.01	14/20	1	865
036.471.04A	24/40	1	1070

3.3
BORO
GLASS



1 x
CONE



ENQUIRE

Adapter, Cone for Rubber Tubing

- Right angled connection for the attachment of rubber hose
- With Drip Tip
- With Screw Thread

Item Code	Cone Size	Pack of	Price / Piece
036.202.01	14/23	1	271
036.202.02	19/26	1	325
036.202.03	24/29	1	364
036.202.04	29/32	1	507

ASTM Sizes

Item Code	Cone Size	Pack of	Price / Piece
036.475.01S	14/20	1	314
036.475.03S	24/40	1	417

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Cone with long Stem

- With screw thread, right angle tubing
- Detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Cone Size	Pack of	Price / Piece
037.202.01	14/23	1	411
037.202.02	19/26	1	478
037.202.03	24/29	1	526
037.202.04	29/32	1	635

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Tubing Straight

- With Hooks
- Detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Pack of	Price / Piece
038.202.01	14/23	1	290
038.202.02	19/26	1	333
038.202.03	24/29	1	357
038.202.04	29/32	1	429

ASTM Sizes

- Without Hooks

Item Code	Socket Size	Pack of	Price / Piece
020.470.01	14/20	1	296
020.470.03	24/40	1	375

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



ENQUIRE



Adapter



Adapter, Socket to Cone With Side-Arm Screw Thread

- With Drip Tip
- Detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
039.202.01	14/23	14/23	1	364
039.202.02	14/23	19/26	1	389
039.202.03	14/23	24/29	1	473
039.202.04	14/23	29/32	1	575
039.202.05	19/26	19/26	1	463
039.202.06	19/26	24/29	1	507
039.202.07	19/26	29/32	1	599
039.202.08	24/29	24/29	1	557
039.202.09	24/29	29/32	1	675
039.202.10	29/32	29/32	1	792

3.3
BORO
GLASS



1 x
CONE

1 x
SOCKET



ENQUIRE



Adapter, Vacuum or Gas 90°

- With connection for rubber hose

Item Code	Cone Size	Pack of	Price / Piece
341.470.02	14/20	1	393
341.470.03	19/22	1	405
341.470.05A	24/40	1	442
341.470.05	29/42	1	490
341.470.04	35/20	1	532

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Vacuum or Gas 90°

- With 2 connections for rubber hose

Item Code	Cone Size	Pack of	Price / Piece
046.202.04	24/40	1	532

3.3
BORO
GLASS



1 x
CONE



ENQUIRE

Adapter, Drying Tube

- Used to connect the drying/guard tube to a reaction vessel to keep the vessel free of moisture

Item Code	Cone Size	Pack of	Price / Piece
041.202.01	14/23	10	321
041.202.02	19/26	10	393
041.202.03	24/29	10	442
041.202.04	29/32	10	538

ASTM Sizes

Item Code	Cone Size	Pack of	Price / Piece
041.471.01	14/20	1	339
041.471.03	24/40	1	478

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Drying Tube Straight

- Used to connect the drying to a reaction vessel to keep the vessel free of moisture
- Standard joint for connecting the drying tube to a reaction flask

Item Code	Socket Size	Cone Size	Pack of	Price / Piece
041.470.02	19/22	19/22	1	623

3.3
BORO
GLASS



1 x
CONE

1 x
SOCKET



ENQUIRE



Adapter



Adapter Thermometer Pocket

- Glass pocket for standard laboratory thermometers to be incorporated into glassware assemblies
- Closed end, made to fit stillheads

Item Code	Cone Size	Approx Stem Length (mm)	Pack of	Price / Piece
042.202.01	14/23	45	10	576
042.202.02	19/26	45	10	694
042.202.03	24/29	45	10	798

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Air Leak Tube or Gas Inlet Tube

- Accurate dimensions
- compact and lightweight
- Durable
- Resistant to thermal shock
- Used to monitor and detect gas leaks in the apparatus

Item Code	Cone Size	Pack of	Price / Piece
044.202.01	14/23	10	308
044.202.02	19/26	10	345
044.202.03	24/29	10	381
044.202.04	29/32	10	550

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Cone Screw Thread

- Ideal to securely connect thermometers and inlet tubes to glassware assemblies
- With a open top compression cap and O-ring

Item Code	Cone Size	Acceptable Dia through Screw Thread mm	Pack of	Price / Piece
056.202.01	14/23	6	10	389
056.202.02	19/26	6	10	389
056.202.03	24/29	6	10	453
056.202.04	29/32	6	10	586

ASTM Sizes

Item Code	Cone Size	Pack of	Price / Piece
056.470.01A	14/20	1	435
056.470.02A	19/22	1	435
056.470.03A	24/40	1	502

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



ENQUIRE

Adapter, Thermometer with Hose Connection

- With rubber hose connection
- With a open top compression cap and O-ring

Item Code	Cone Size	Pack of	Price / Piece
056.468.01	14/10	1	562

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Inlet/Thermometer

- With a open top compression cap and O-ring

Item Code	Cone Size	Pack of	Price / Piece
056.467.01	14/10	1	429

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Inlet/thermometer

- With one holed rubber adapter to insert thermometer stem or bleed tubes

Item Code	Cone Size	Pack of	Price / Piece
036.472.01	14/20	1	423
036.472.02	19/22	1	466
036.472.03	24/40	1	502

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter



Turnover Flange Septa

- Ideal for moisture or air-sensitive applications.
- Excellent re-sealing capability.

For Test Tube: Non - Serrated in Natural Rubber

Item Code	Size of Test Tube	Pack of	Price / Pack
410.600.01	12	10	397
410.600.02	15	10	478
410.600.03	18	10	618
410.600.04	25	10	793

For Test Tube: Serrated in Natural Rubber

Item Code	Size of Test Tube	Pack of	Price / Pack
410.600.05	12	10	397
410.600.06	15	10	478
410.600.07	18	10	618
410.600.08	25	10	793

For Test Tube: Non - Serrated in Silicon Rubber

Item Code	Size of Test Tube	Pack of	Price / Pack
405.600.01	12	10	583
405.600.02	15	10	735
405.600.03	18	10	1026
405.600.04	25	10	1178

For Test Tube: Serrated in Silicon Rubber

Item Code	Size of Test Tube	Pack of	Price / Pack
405.600.05	12	10	583
405.600.06	15	10	735
405.600.07	18	10	1026
405.600.08	25	10	1178



ENQUIRE



ENQUIRE



ENQUIRE



ENQUIRE



For Socket: Non-Serrated in Natural Rubber (Turnover)

Item Code	Size of Socket	Pack of	Price / Pack
410.700.01	B 14	10	548
410.700.02	B 19	10	770
410.700.03	B 24	10	910
410.700.04	B 29	10	1026

For Socket: Serrated in Natural Rubber (Turnover)

Item Code	Size of Socket	Pack of	Price / Pack
410.700.05	B 14	10	548
410.700.06	B 19	10	770
410.700.07	B 24	10	956
410.700.08	B 29	10	1155



ENQUIRE



ENQUIRE

For Socket: Non-Serrated in Silicon Rubber (Turnover)

Item Code	Size of Socket	Pack of	Price / Pack
405.700.01	B 14	10	980
405.700.02	B 19	10	1365
405.700.03	B 24	10	1586
405.700.04	B 29	10	2496

For Socket: Serrated in Silicon Rubber (Turnover)

Item Code	Size of Socket	Pack of	Price / Pack
405.700.05	B 14	10	980
405.700.06	B 19	10	1365
405.700.07	B 24	10	1586
405.700.08	B 29	10	2496

Si



ENQUIRE



ENQUIRE



Screw Thread • Polypropylene

Item Code	Thread GL	Pack of	Price / Piece
056.470.01	14	100	42



PP



SCREW



ENQUIRE



Plastic Hose Connection

• Used with Cap

Item Code	Cone Size	Type	Pack of	Price / Piece
056.474.01	GL 14	Straight	10	42



PP



ENQUIRE



THE BACKBONE OF
EVERY EXPERIMENT



Our wide range of beakers with graduation which comply with ISO 3819, DIN 12331, ASTM E960 and USP standards. Our beakers have uniform wall thickness for high thermal performance and are chemical resistant. These are manufactured from ASTM E438, TYPE 1: Class A Boro 3.3 glass. We can also customise the printing colour on the beaker as per customer needs.

Beaker, Griffin/Low Form with spout with ISI Mark

- Complies with ISI 2619 and DIN 12331 standards
- Highly resistant to chemicals and thermal shock
- Clear metric Graduation for convenient reading
- Large label field for easy marking
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
229.502.01	5	22	30	10	163
229.502.02	10	26	35	10	163
229.502.03	25	34	51	10	163
229.502.04	50	42	58	10	118
229.502.05	100	50	70	10	118
229.502.06	150	60	88	10	118
229.502.07	250	70	95	10	128
229.502.08	400	80	110	10	202
229.502.08A*	500	83	118	8	197
229.502.09	600	90	125	8	291
229.502.09A	800	100	135	6	394
229.502.10	1000	105	145	6	394
229.502.11	2000	132	185	4	936
229.502.13	3000	152	210	1	2177
229.502.14	5000	170	270	1	3191
229.502.15*	10000	220	350	1	10446
229.502.20*	20000	285	430	1	15120

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

LOW FORM



ENQUIRE

*Non DIN



Beaker, Griffin/Low Form With Double Capacity Scale

- Complies with ASTM E960, TYPE 1
- With spout
- Printed in white colour enamel and double scale
- Highly resistant to chemicals and thermal shock
- Large label field for easy marking
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Graduation Interval (ml)	Graduation Range (ml)	Pack of	Price / Piece
229.402.02	10	-	-	12	181
229.402.03	20	5	5-15	12	181
229.402.03A	30	5	5-25	12	181
229.402.04	50	5	10-45	12	127
229.402.05	100	10	20-80	12	127
229.402.06	150	10	20-140	12	151
229.402.07	250	25	25-200	12	218
229.402.08	400	25	25-325	12	224
229.402.09	600	50	50-500	6	302
229.402.10	1000	50	50-1000	6	442
229.402.11	2000	100	200-1800	4	895
229.402.14	4000	250	250-3500	1	2746

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

LOW FORM

2x METRIC



ENQUIRE



Beakers



Beaker, Griffin/Low Form With Double Capacity Scale, Heavy Wall

- Complies with ASTM E960, TYPE-2, BORO 3.3 GLASS
- Uniform wall thickness with reinforced rim and spout
- Printed in matt finish white colour enamel and double scale
- Highly resistant to chemicals and High mechanical strength
- Not recommended to use on hotplates

Item Code	Capacity (ml)	Graduation Interval (ml)	Graduation Range (ml)	Pack of	Price / Piece
229.235.07	250	25	25-200	12	296
229.235.08	400	25	25-325	12	387
229.235.09	600	50	50-500	6	454
229.235.10	1000	50	50-1000	6	871
229.235.11*	2000	100	200-1800	4	1470
229.235.14	4000	250	250-3500	1	5957

3.3
BORO
GLASS



ENQUIRE

*Non ASTM Standards



Beaker, Berzelius/Tall Form With Spout With ISI Mark

- Complies with ISI 2619 and DIN 12331 standards
- Clear metric Graduation for convenient reading
- Highly resistant to chemicals and thermal shock
- Large label field for easy marking
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price / Piece
230.502.02	50	38	70	10	202
230.502.03	100	48	80	10	207
230.502.04	150	54	95	10	212
230.502.05	250	60	120	10	207
230.502.06	400	70	130	10	286
230.502.07A*	500	75	142	8	443
230.502.07	600	80	150	8	522
230.502.08	1000	95	180	6	561

3.3
BORO
GLASS



ENQUIRE

*Non DIN

Beaker, Berzelius/Tall form Without Spout with ISI Mark

- Complies with ISI 2619 and DIN 12331 standards
- Highly resistant to chemicals and thermal shock
- Large label field for easy marking
- Clear metric Graduation for convenient reading
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price /Piece
230.205.02	50	38	70	10	167
230.205.03	100	48	80	10	172
230.205.04	150	54	95	10	177
230.205.05	250	60	120	10	192
230.205.06	400	70	130	10	290
230.205.06AB*	500	75	142	8	276
230.205.07	600	80	150	8	355
230.205.08	1000	95	180	6	527

3.3
BORO
GLASS



*Non DIN



ENQUIRE



Beaker, Tablet Disintegration

- For QLA disintegration testing
- Highly resistant to chemicals and thermal shock
- Large label field for easy marking

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price /Piece
230.209.08	1000	105	145	6	544

3.3
BORO
GLASS



ENQUIRE



Beaker



Beaker, Euro Design

- Made from Polypropylene
- These beaker are clear & autoclavable
- Graduation for easy reading

Item Code	Capacity (ml)	Pack of	Price /Pack
101.303.01	25	12	309
101.303.02	50	12	379
101.303.03	100	12	426
101.303.04	250	12	758
101.303.05	500	12	1172
101.303.06	1000	6	1079
101.303.07	2000	6	2129
101.303.08	5000	2	1738



EU



ENQUIRE



Measuring Jugs, Euro Design (PP)

- Made from Polypropylene
- These jugs are clear, autoclavable
- Provided with a handle for easy & convenient lifting
- Raised graduation for easy reading

Item Code	Capacity (ml)	Pack of	Price /Pack
179.303.01	250	12	1073
179.303.05	500	12	1761
179.303.06	1000	6	1744
179.303.07	2000	6	2619
179.303.08	3000	6	1930
179.303.09	5000	4	3097



EU



ENQUIRE

Beaker, Tong, SS

- Made of stainless steel
- Silicon sleeved for temp upto 280° C
- Fibre glass yarn to resist direct flame
- To hold beakers upto 2 Litres (155mm OD)

Item Code	Type	Length (mm)	Sleeves	Max Temp	Pack of	Price / Pack
396.303.01	Beaker	250	Glass Fibre	500°C	4	2280
396.303.02	Beaker	300	Glass Fibre	500°C	4	2426
396.303.03	Beaker	250	Silicon	280°C	4	1913
396.303.04	Beaker	300	Silicon	280°C	4	1925

SS

Si
Sleeved
280°C

GLASS
Sleeved
500°C



ENQUIRE



Beaker, Brush

- Brush with wirewound Nylon bristles
- An extra-large brush ideal for cleaning beakers

Item Code	Material of Bristles	Pack of	Price /Pack
593.303.06	Nylon	50	6124

Nylon



ENQUIRE



SAFE, STRONG, RELIABLE
THE PERFECT LAB COMPANION



Bottle, Reagent, Clear with Screw Cap

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
274.205.00*	10**	36x50	GL-25	10	616
274.202.00B	25**	36x70	GL-25	10	409
274.202.00	50**	46x87	GL-32	10	507
274.202.00C	50	46x87	GL-45	10	507
274.202.01	100	56x100	GL-45	10	448
274.202.01B*	150	60x120	GL-45	10	532
274.202.02	250	70x138	GL-45	10	458
274.202.03	500	86x176	GL-45	10	512
274.202.04	1000	101x225	GL-45	10	773
274.202.05	2000	136x260	GL-45	10	1384
274.202.06*	3000	158x295	GL-45	1	7166
274.202.07	5000	181x330	GL-45	1	8087
274.202.08	10000	227x410	GL-45	1	13347
274.202.09	20000	288x505	GL-45	1	24960

3.3
BORO GLASS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving



Bottle, Reagent, Amber With Screw Cap

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength
- Protects light-sensitive chemicals from UV and visible light, ideal for long term storage

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
275.205.00*	10**	36x50	GL-25	10	793
275.202.00B	25**	36x70	GL-25	10	670
275.202.00	50**	46x87	GL-32	10	955
275.202.00C	50	46x87	GL-45	10	955
275.202.01	100	56x100	GL-45	10	1103
275.202.02	250	70x138	GL-45	10	1197
275.202.03	500	86x176	GL-45	10	1433
275.202.04	1000	101x225	GL-45	10	1872
275.202.05	2000	136x260	GL-45	10	3512
275.202.06	3000	158x295	GL-45	1	15095
275.202.07	5000	183x330	GL-45	1	16213
275.202.08	10000	227x410	GL-45	1	25425
275.202.09	20000	288x505	GL-45	1	45970

3.3
BORO GLASS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving



Bottle



Bottle, Safety Coated, Clear with Screw Cap

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
274.CG.01	100	56x100	GL-45	10	4526
274.CG.02	250	70x138	GL-45	10	4679
274.CG.03	500	86x176	GL-45	10	5319
274.CG.04	1000	101x225	GL-45	10	5565
274.CG.05	2000	136x260	GL-45	10	5812

3.3
BORO
GLASS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving



Bottle, Safety Coated, Amber With Screw Cap *New*

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength
- Protects light-sensitive chemicals from UV and visible light, ideal for long term storage

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
275.CG.01	100	56x100	GL-45	10	7474
275.CG.02	250	70x138	GL-45	10	7558
275.CG.03	500	86x176	GL-45	10	6890
275.CG.04	1000	101x225	GL-45	10	7029
275.CG.05	2000	136x260	GL-45	10	7478

3.3
BORO
GLASS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving

Bottles Reagent Milk Type Clear Glass

- 400 ml With Screw Cap GL-32

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of	Price / Piece
274.202.02D	400	70x175	GL-32	10	566

3.3
BORO
GLASS



ENQUIRE

**Bottle, Reagent, Clear With Wide Mouth**

- Square Shape
- With DIN thread
- With autoclavable PP screw cap (GL-80) and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	Approx B x W x H (mm)	Thread Specification	Pack of	Price / Piece
274.209.03	500	94 x 94 x 141	GL-80	10	1369
274.209.04	1000	105 x 105 x 187	GL-80	10	1512
274.209.05	2000	115 x 115 x 260	GL-80	10	2384
274.209.07	5000	160 x 160 x 357	GL-80	1	14706



ENQUIRE

*Height including Cap.

Caps should be loosened while autoclaving

**Bottle, Reagent, Amber With Wide Mouth *New***

- Square Shape
- With DIN thread
- With autoclavable PP screw cap (GL-80) and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	Approx B x W x H (mm)	Thread Specification	Pack of	Price / Piece
275.210.03	500	94 x 94 x 141	GL-80	10	1852
275.210.04	1000	105 x 105 x 187	GL-80	10	2049
275.210.05	2000	115 x 115 x 260	GL-80	10	3226
275.210.07	5000	160 x 160 x 357	GL-80	1	19858



ENQUIRE

*Height including Cap.

Caps should be loosened while autoclaving



Bottle



Bottle, Reagent Wide Mouth, Clear with PP Screw Cap (GL-80) and PP Pouring ring, With Graduation *New*

Item Code	Capacity (ml)	Thread Specification	Pack of	Price / Piece
274.509.04	1000	GL-80	10	2855
274.509.05	2000	GL-80	10	4515
274.509.07	5000	GL-80	1	11655
274.509.08	10000	GL-80	1	18155
274.509.09	20000	GL-80	1	32555

*Amber colour bottles are available on request



Bottle, HPLC Mobile Phase

- Complies with USP TYPE 1 BORO 3.3 Glass
- Conical bottom delivers solvents without tilting the reservoir
- With autoclavable PP screw cap (GL-45) and specially designed PP drip-free pouring ring
- Conical bottom delivers all of the solvents without tilting the reservoir
- Prevents leaching of any extractable into the mobile phase solvents

Item Code	Capacity (ml)	Screw Thread	Approx O.D. x Height* (mm)	Pack of	Price / Piece
274.213.04	1000	GL-45	101 x 225	1	3360
274.213.05	2000	GL-45	136 x 260	1	5376



ENQUIRE



PP Safety Caps (HPLC)

- With filter valve
- Autoclavable upto 140°C

Item Code	Screw Thread	No of Port	Fitting & Plug	Pack of	Price / Piece
275.205.04	GL-45	1	Fitting 4 x Plug 4 x 1 Filter	4	3907
275.205.05	GL-45	2	Fitting 8 x Plug 8 x 1 Filter	4	4257
275.205.08	GL-45	3	Fitting 12 x Plug 12 x 1 Filter	4	4368
275.205.09	GL-45	4	Fitting 16 x Plug 16 x 1 Filter	4	4432
275.205.10	GL-45	5	Fitting 20 x Plug 20 x 1 Filter	4	4491
275.506.01	Filter Valve	-	Fitting 4 x Plug 4 x 1 Filter	4	4257



ENQUIRE

Cap for Bottle GL 45, Blue

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour	Thread	Pack of	Price /Piece
275.205.01	Blue	GL 45	10	92
275.205.01O	Orange	GL 45	10	92
275.205.01Y	Yellow	GL 45	10	92
275.205.01G	Green	GL 45	10	92
275.205.01E	Grey	GL 45	10	92
275.205.01W	White	GL 45	10	92
275.205.01B	Black	GL 45	10	92
275.205.01R	Red	GL 45	10	92
275.205.00A	Blue	GL 32	10	84

Pouring Ring for Bottle GL 45, Blue Colour

Item Code	Colour	Thread	Pack of	Price /Piece
275.205.02	Blue	GL 45	10	48
275.205.02B	Black	GL 45	10	36
275.205.02E	Grey	GL 45	10	36
275.205.02G	Green	GL 45	10	36
275.205.02O	Orange	GL 45	10	36
275.205.02R	Red	GL 45	10	36
275.205.02W	White	GL 45	10	36
275.205.02Y	Yellow	GL 45	10	36
275.205.00B	Blue	GL 32	10	30



ENQUIRE



ENQUIRE



Item Code	Colour	Thread	Pack of	Price /Piece
275.205.03	Blue	GL 25	10	118
275.205.03O	Orange	GL 25	10	118
275.205.03Y	Yellow	GL 25	10	118
275.205.03G	Green	GL 25	10	118
275.205.03E	Grey	GL 25	10	118
275.205.03W	White	GL 25	10	118
275.205.03B	Black	GL 25	10	118
275.205.03R	Red	GL 25	10	118



ENQUIRE

**PTFE Septa**

- Use upto 100ml to 250ml Reagent Bottle Narrow Mouth *New*

Item Code	Colour	Thread	Pack of	Price /Piece
275.206.01	White	GL 45	10	On Request



Bottle



Cap for Bottle GL80, Blue Colour

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour	Thread	Pack of	Price /Piece
275.205.01AB	Blue	GL 80	10	218



ENQUIRE



Pouring Ring for Bottle GL80, Blue Colour

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour	Thread	Pack of	Price /Piece
275.205.02AB	Blue	GL 80	10	91



ENQUIRE



Tamper Evident Proof Screw Cap

- Made from Polypropylene
- For Reagent Bottle GL 45

Item Code	Colour	Thread	Pack of	Price /Piece
275.205.07	Blue	GL 45	10	454



ENQUIRE



PTFE Cap, for Reagent Bottle GL 45

- Made from PTFE
- Autoclavable

Item Code	Colour	Thread	Pack of	Price /Piece
275.204.01	White	GL 45	10	1167

PTFE Pouring Ring for Reagent Bottle GL 45, White Colour

- Made from PTFE
- Autoclavable upto 140° C

Item Code	Colour	Thread	Pack of	Price /Piece
275.207.01	White	GL 45	10	151



PTFE



ENQUIRE



ENQUIRE

Bottle, Reagent Narrow Mouth, Clear

- Complies with DIN/ISO 4796-2
- Made from ASTM 438 TYPE 1 BORO 3.3 GLASS
- These bottles come with a ground joint & Umbrella Stopper
- Printed in matt finish white colour enamel
- Clear scale Graduation for easy reading
- These bottles are mechanically strong and chemical resistant

Item Code	Capacity (ml)	O.D. x Height (mm)	N/S	Pack of	Price /Piece
272.276.01	30	36x78	14/23	10	502
272.276.02	60	45x90	14/23	10	502
272.276.02A	100*	54x98	14/23	10	547
272.276.03	125	56x115	19/26	10	493
272.276.04	250	70x142	19/26	10	542
272.276.05	500	86x180	24/29	10	552
272.276.06	1000	101x230	29/32	10	955
272.276.07	2000	136x260	29/32	10	1615

3.3
BORO GLASS

* DIN/ISO



ENQUIRE



Supplied in
Umbrella stopper

Bottle, Reagent Narrow Mouth, Amber

- Complies with DIN/ISO 4796-2
- Made from ASTM 438 TYPE 1 BORO 3.3 GLASS
- These bottles come with a ground joint & Umbrella Stopper
- Printed in matt finish white colour enamel.
- Clear scale Graduation for easy reading
- These bottles are mechanically strong and chemical resistant
- The uniform Amber colour is highly durable and has high chemical resistance

Item Code	Capacity (ml)	O.D. x Height (mm)	N/S	Pack of	Price /Piece
273.276.01	30	36x78	14/23	10	696
273.276.02	60	44x90	14/23	10	803
273.276.02A	100*	54x98	14/23	10	985
273.276.03	125	56x115	19/26	10	857
273.276.04	250	70x142	19/26	10	1207
273.276.05	500	86x180	24/29	10	1404
273.276.06	1000	101x230	29/32	10	1748
273.276.07	2000	136x260	29/32	10	3590

3.3
BORO GLASS

* DIN/ISO



ENQUIRE



Supplied in
Umbrella stopper

Bottles Reagent Milk Type Clear Glass, Heavy Wall With Crimp Neck *New*

- Complies with DIN/ISO 4796-2
- Made from ASTM 438 TYPE 1 BORO 3.3 GLASS

Item Code	Capacity (ml)	O.D. x Height (mm)	N/S	Pack of	Price /Piece
272.515.03	400			10	566

Bottle



Bottle, Reagent, Narrow Mouth

- Made from ASTM E-438, TYPE-1, CLASS-A, BORO 3.3 GLASS
- These bottles come with pressed flat stopper
- Mechanically strong and chemical resistant
- Large-capacity bottles for handling and storing culture media.
- Large and durable white color enamelled area for marking

Item Code	Capacity (ml)	Stopper No.	Pack of	Price /Piece
272.207.03A	125	19	1	514
272.207.04	250	19	1	575
272.207.05	500	24	1	605
272.207.06	1000	29	1	950
272.207.07	2000	29	1	1784

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Bottle, Tooled Neck, Plain

- Mechanically strong and chemical resistant
- Large-capacity bottles for handling and storing culture media.
- Large and durable white color enamelled area for marking

Item Code	Cap. (ml)	Dia (mm)	Height (mm)	Pack of	Price /Piece
282.202.02	250	70	140	10	547
282.202.06	500	86	180	10	586
282.202.07	1000	101	230	10	921
282.202.08	2000	136	260	10	1566
282.202.09	3000	158	295	1	7791
282.202.10	5000	183	330	1	9589
282.202.11	10000	227	430	1	16390
282.202.12	20000	288	530	1	27206

3.3
BORO
GLASS



ENQUIRE



Bottle, Tooled Neck, Amber

- Recommended for light-sensitive media and long-term storage.
- Mechanically strong and chemical resistant
- Large and durable white color enamelled area for marking
- The uniform Amber color is highly durable and has high chemical resistance
- Protects media from light radiation in the 300–500 nm range.

Item Code	Cap (ml)	Dia (mm)	Height (mm)	Pack of	Price /Piece
282.279.04	250	70	140	10	1000
282.279.06	500	86	180	10	1034
282.279.07	1000	101	230	10	1512
282.279.08	2000	136	260	10	2615
282.279.09	3000	158	295	1	11195
282.279.10	5000	183	330	1	12524
282.279.11	10000	227	430	1	22128
282.279.12	20000	288	530	1	35549

3.3
BORO
GLASS



ENQUIRE

Bottle, Aspirator, with GL 45 Cap with tubulation

- Complies with DIN/ISO 4796-3
- Made From Heat Resistant Boro 3.3 Glass
- These bottles come with autoclavable PP Screw cap & pouring ring
- These bottles have durable and large white color enamel marking area

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread	Pack of	Price / Piece
280.205.05	250	70 x 140	GL 45	1	581
280.205.06	500	86 x 176	GL 45	1	670
280.205.07	1000	101 x 225	GL 45	1	1177
280.205.08	2000	136 x 260	GL 45	1	1960
280.205.10	5000	181 x 330	GL 45	1	10746
280.205.11	10000	227 x 410	GL 45	1	18193
280.205.12	20000	288 x 505	GL 45	1	33066

3.3
BORO
GLASS



ENQUIRE

**Bottle, Aspirator, With GL 45 Cap with socket**

- Complies with DIN/ISO 4796-3
- Made From Heat Resistant Boro 3.3 Glass
- These bottles come with autoclavable PP Screw cap and pouring ring
- These bottles have durable large white color enamel marking area
- These bottles are suitable for storage of large media for long duration

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread	Outlet Ground Joint Size	Pack of	Price / Piece
280.202.07	1000	101 x 225	GL 45	24 / 29	1	1458
280.202.08	2000	136 x 260	GL 45	29 / 32	1	2093
280.202.11	5000	181 x 330	GL 45	29 / 32	1	12101
280.202.12	10000	227 x 410	GL 45	29 / 32	1	17144
280.202.13	20000	288 x 505	GL 45	29 / 32	1	29471

3.3
BORO
GLASS



ENQUIRE

*Height indicated of Bottle only

**Bottle, Aspirator, with GL 45 Cap and Interchangeable Stopcock**

- Complies with DIN/ISO 4796-3
- Made From Heat Resistant Boro 3.3 Glass
- Low Expansion

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread	Outlet Ground Joint Size	Pack of	Price / Piece
281.202.07	1000	101 x 225	GL 45	24 / 29	1	4058
281.202.08	2000	136 x 260	GL 45	29 / 32	1	4792
281.202.11	5000	181 x 330	GL 45	29 / 32	1	15878
281.202.12	10000	227 x 410	GL 45	29 / 32	1	22384
281.202.13	20000	288 x 505	GL 45	29 / 32	1	33249

3.3
BORO
GLASS



ENQUIRE

*Height indicated of Bottle only



Bottle



Bottle, Dropping

- Made From chemical & Heat Resistant Boro 3.3 Glass
- These bottles comes with interchangeable ground joint, with dropper and rubber teat.

Item Code	Neck Size	Capacity (ml)	ODxHeight (mm)	Pack of	Price / Piece
279.202.01	14/23	30	36x78	10	438
279.202.02	14/23	60	45x90	10	596
279.202.03	19/26	120	56x116	10	630
279.202.04	19/26	250	70x128	10	832

3.3
BORO
GLASS



ENQUIRE



Bottle, Amber, Dropping

- Made From chemical Resistant amber glass and Heat Resistant Boro 3.3 Glass
- These bottles come with interchangeable ground joint with dropper and rubber teat
- Protects light-sensitive chemicals from UV and visible light

Item Code	Neck Size	Capacity (ml)	ODxHeight (mm)	Pack of	Price / Piece
279.229.01	14/23	30	36x78	10	719
279.229.02	14/23	60	45x90	10	1005
279.229.03	19/26	120	56x116	10	1034
279.229.04	19/26	250	70x128	10	1359

3.3
BORO
GLASS



ENQUIRE



Mac-Cartney Bottles

- Autoclavable with fitted aluminium screw cap
- Made of soda-lime glass

Item Code	Capacity (ml)	Pack of	Price / Piece
283.202.01	15	100	67
283.202.02	30	100	73



Iron
Soda
Glass



ENQUIRE

Bottle, Gas Washing With Interchangeable Ground Joints

- Complies with DIN 12463
- Made from Heat & Chemical resistant Boro 3.3 Glass

Item Code	Capacity (ml)	Joint Size	Pack of	Price /Piece
286.202.04	100	29/32	2	1364
286.202.01B*	125	29/32	2	1487
286.202.05	250	29/32	2	1635
286.202.06	500	29/32	2	2004

3.3
BORO
GLASS



*Non DIN



ENQUIRE

**Gas Bottle Head**

- Made from ISO/DIN 3585, Class A, TYPE 1, Boro 3.3 glass
- Complies DIN 12596 standard
- Made from Heat & Chemical resistant Boro 3.3 Glass

Item Code	Capacity (ml)	Joint Size	Pack of	Price /Piece
285.202.04	100	29/32	1	950
285.202.01B*	125	29/32	1	931
285.202.05	250	29/32	1	970
285.202.06	500	29/32	1	1113

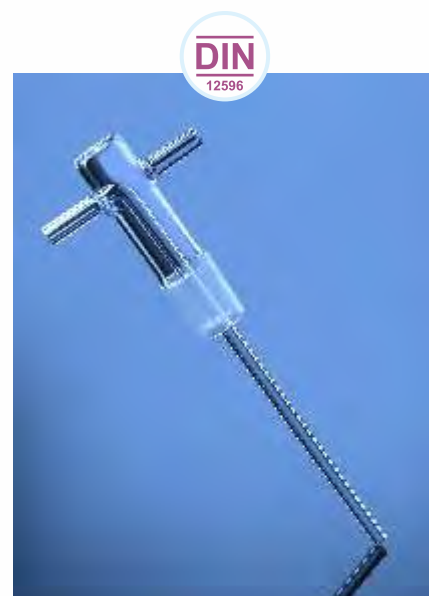
3.3
BORO
GLASS



*Non DIN



ENQUIRE

**Bottle, Gas Washing With Head**

- Complies with DIN 12596 and 12463 standards

Item Code	Capacity (ml)	Joint Size	Pack of	Price /Piece
285.406.01*	125	29/32	1	1719
285.406.02	250	29/32	1	1847
285.406.03	500	29/32	1	2113

*Non standards



ENQUIRE





Bottle, Head, Sintered Wash

- Complies DIN 12596
- Dreschel type head with filter disc
- Porosity 0

Item Code	Capacity (ml)	Joint Size	Pack of	Price /Piece
287.202.06	100	29/32	1	937
287.202.06A*	125	29/32	1	937
287.202.07	250	29/32	1	974
287.202.08	500	29/32	1	1107

3.3
BORO
GLASS



*Non DIN



ENQUIRE



Bottle, Weighing

- Made from ASTM-438, TYPE-1, Boro 3.3 glass
- Highly resistant to chemicals and high mechanical strength

Item Code	O.D. x Ht. (mm)	Form	Capacity (ml)	Pack of	Price /Piece
264.202.01	40x30	Squat Form	15	10	696
264.202.02	50x25	Squat Form	20	10	680
264.202.03	50x35	Squat Form	35	10	625
264.202.04	50x50	Squat Form	50	10	998
264.202.05	60x30	Squat Form	30	10	921
264.202.05A	60x40	Squat Form	40	10	921
264.202.06	20x40	Tall Form	5	10	369
264.202.07	25x50	Tall Form	15	10	399
264.202.08	30x60	Tall Form	25	10	463
264.202.09	40x80	Tall Form	60	10	670

Item Code	I.D. x Ht. (mm)	Neck Size	Form	Capacity (ml)	Pack of	Price / Piece
264.402.03	50x30	50/12	Squat Form	35	10	625
264.402.05	60x30	60/12	Squat Form	50	10	1349
264.402.07	70x33	71/15	Squat Form	82	10	2087
264.407.01	15x50	14/10	Tall Form	7	10	302
264.407.02	25x40	24/12	Tall Form	12	10	405
264.407.02A	25x50	24/12	Tall Form	16	10	460
264.407.03	30x60	29/12	Tall Form	30	10	424
264.407.05	40x50	40/12	Tall Form	45	10	714
264.407.05A	40x80	40/12	Tall Form	70	10	803
264.407.07	50x60	50/12	Tall Form	85	10	1046

3.3
BORO
GLASS



ENQUIRE



ENQUIRE

Bottle, Gas Washing, Flat Bottom With Interchangeable Head

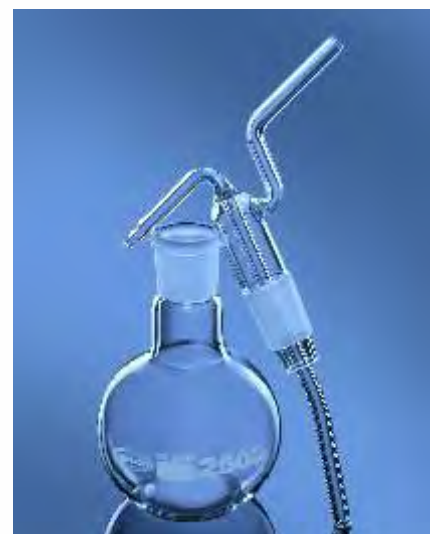
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	Approx Total Height (mm)	Size of I/C Stopper	Pack of	Price / Piece
285.502.02	250	225	24/29	1	1088
285.502.03	500	280	24/29	1	1364
285.502.04	1000	315	29/32	1	1679

3.3
BORO
GLASS



ENQUIRE

**Bottle, Gas Washing, Flat Bottom**

- Complies with ISO 3585 standard
- Withstands high temperatures

Item Code	Capacity (ml)	Approx Total Height (mm)	Size of I/C Stopper	Pack of	Price / Piece
289.202.02	250	135	24/29	1	655
289.202.03	500	175	24/29	1	1029
289.202.04	1000	205	29/32	1	1379

3.3
BORO
GLASS



ENQUIRE

**Head for Flat Bottom Gas Washing Bottle**

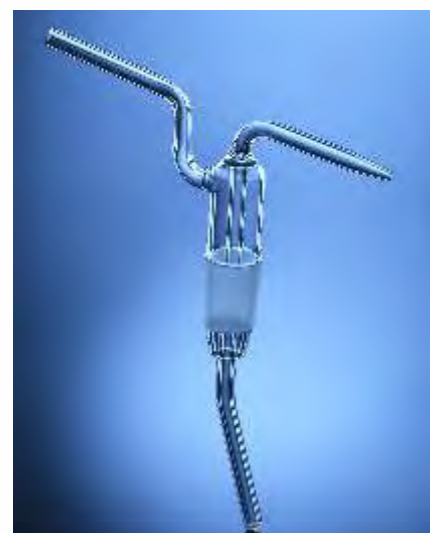
- Highly resistant to chemicals and temperature

Item Code	Capacity ml	Size of I/C Stopper	Pack of	Price / Piece
287.502.02	250	24/29	1	714
287.502.03	500	24/29	1	768
287.502.04	1000	29/32	1	798

3.3
BORO
GLASS



ENQUIRE





Pycnometers According to Gay-Lussac, Calibrated, A Class

- Complies with DIN/ISO 3507 standards
- For Determining Liquid Density
- Can Hold Volatile Liquids or Semi-Solid Bitumens
- With PTFE Stopper
- With Work Certificate

Item Code Class A	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
268.523.01	10	0.3	1	1482
268.523.02	25	0.8	1	1748
268.523.03	50	1	1	1842
268.523.04	100	1	1	2062

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Pycnometers to Gay-Lussac, Calibrated, Class A

- For Determining Liquid Density
- Can hold volatile Liquids or Semi-Solid Bitumens
- With PTFE Stopper
- Without Work Certificate

Item Code Class B	Capacity (ml)	Pack of	Price /Piece
269.502.01	10	2	704
269.502.02	25	2	778
269.502.03	50	2	832
269.502.04	100	2	931

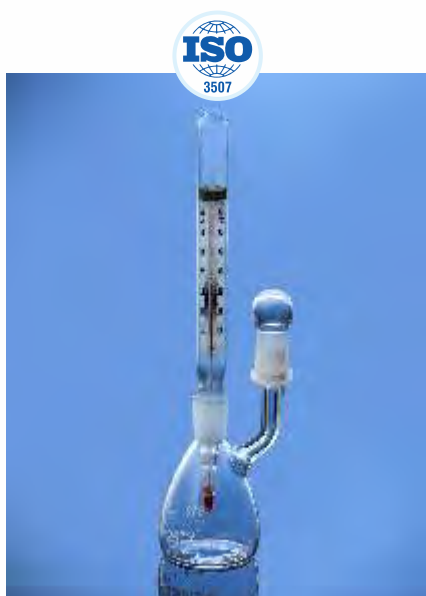
3.3
BORO
GLASS



A
CLASS



ENQUIRE



Pycnometers with ground in thermometer, Calibrated, A Class

- Complies with DIN/ISO 3507 standards
- With Side Arm
- For Determining Liquid Density
- Can Hold Volatile Liquids or Semi-Solid Bitumens

Item Code Class A	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
270.202.01	10	0.3	1	1837
270.202.02	25	0.8	1	2152
270.202.03	50	1	1	2334
270.202.04	100	1	1	On Request

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Biochemical Oxygen Demand (BOD) bottles for BOD test by incubating water samples to determine oxygen to determine the amount of oxygen used by microorganisms to break down organic matter.

BOD bottles are designed to prevent air from entering the sample during the test. The curved shoulder radius of the bottle minimises air during filling, the flared mouth of the bottle prevents air entering during incubation & the tapered bottom of the interchangeable stopper prevents air entrapment.

Stopper joint is compatible with the probes of leading BOD and DO meters. Manufactured from high-quality Borosilicate tubing, ASTM E438, TYPE 1: Class A Boro 3.3 glass, which makes the bottles much less susceptible to etching when compared to traditional BOD bottles.

These bottles come numbered and unnumbered with a choice of penny head or robotic stopper.

BOD Glass Bottle

• With glass penny head stopper

Item Code	Capacity (ml)	Number Sequence	Stopper (Glass Type)	Pack of	Price / Piece
284.456.01	60	Unnumbered	Pennyhead	1	640
284.451.01A	60	1-36	Pennyhead	36	586
284.451.01B	60	37-72	Pennyhead	36	665
284.451.01C	60	73-108	Pennyhead	36	665
284.456.03	125	Unnumbered	Pennyhead	1	788
284.456.02	300	Unnumbered	Pennyhead	1	916
284.456.02R	Bar-Coded, 300	1-24	Pennyhead	24	804
284.456.02A	Bar-Coded, 300	25-48	Pennyhead	24	998
284.456.02B	Bar-Coded, 300	49-72	Pennyhead	24	998
284.456.02C	Bar-Coded, 300	73-96	Pennyhead	24	998
284.456.02D	Bar-Coded, 300	97-120	Pennyhead	24	998
284.456.02E	Bar-Coded, 300	121-144	Pennyhead	24	998
284.456.02F	Bar-Coded, 300	145-168	Pennyhead	24	998
284.456.02G	Bar-Coded, 300	169-192	Pennyhead	24	998
284.456.02H	Bar-Coded, 300	193-216	Pennyhead	24	998
284.456.02I	Bar-Coded, 300	217-240	Pennyhead	24	998
284.456.02J	Bar-Coded, 300	241-264	Pennyhead	24	998
284.456.02K	Bar-Coded, 300	265-288	Pennyhead	24	998
284.456.02L	Bar-Coded, 300	289-312	Pennyhead	24	998
284.456.02M	Bar-Coded, 300	313-336	Pennyhead	24	998
284.456.02N	Bar-Coded, 300	337-360	Pennyhead	24	998
284.456.02O	Bar-Coded, 300	361-384	Pennyhead	24	998
284.456.02P	Bar-Coded, 300	385-408	Pennyhead	24	998
284.456.02Q	Bar-Coded, 300	409-432	Pennyhead	24	998



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE

BOD Glass Bottle, Amber

• With glass penny head stopper

Item Code	Capacity (ml)	Number Sequence	Stopper (Glass Type)	Pack of	Price / Piece
284.429.01	60	Unnumbered	Pennyhead	1	586
284.429.02	300	Unnumbered	Pennyhead	1	586

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE





BOD Glass Bottle

- With glass robotic stopper

Item Code	Capacity (ml)	Number Sequence	Stopper (Glass Type)	Pack of	Price / Piece
284.453.01	60	Unnumbered	Robotic	1	526
284.453.01A	60	1-36	Robotic	36	665
284.453.01B	60	37-72	Robotic	36	665
284.453.01C	60	73-108	Robotic	36	665
284.455.02	300	Unnumbered	Robotic	1	804
284.455.02A	Bar-Coded, 300	1-24	Robotic	24	998
284.455.02B	Bar-Coded, 300	25-48	Robotic	24	998
284.455.02C	Bar-Coded, 300	49-72	Robotic	24	998
284.455.02D	Bar-Coded, 300	73-96	Robotic	24	998
284.455.02E	Bar-Coded, 300	97-120	Robotic	24	998
284.455.02F	Bar-Coded, 300	121-144	Robotic	24	998
284.455.02G	Bar-Coded, 300	145-168	Robotic	24	998
284.455.02H	Bar-Coded, 300	169-192	Robotic	24	998
284.455.02I	Bar-Coded, 300	193-216	Robotic	24	998
284.455.02J	Bar-Coded, 300	217-240	Robotic	24	998
284.455.02K	Bar-Coded, 300	241-264	Robotic	24	998
284.455.02L	Bar-Coded, 300	265-288	Robotic	24	998
284.455.02M	Bar-Coded, 300	289-312	Robotic	24	998
284.455.02N	Bar-Coded, 300	313-336	Robotic	24	998
284.455.02O	Bar-Coded, 300	337-360	Robotic	24	998
284.455.02P	Bar-Coded, 300	361-384	Robotic	24	998
284.455.02Q	Bar-Coded, 300	385-408	Robotic	24	998
284.455.02R	Bar-Coded, 300	409-432	Robotic	24	998

3.3
BORO
GLASS


Chemical
Resistant


WHITE
PRINTING



ENQUIRE



GLASS
BORO
3.3


Chemical
Resistant


WHITE
PRINTING

Bottle, Culture, (Roux) Off-Set Neck

- These bottles are ideal for growing various type of cultures
- These bottles withstand multiple autoclave & sterilization
- The neck of these bottles is tool finished for greater strength

Item Code	Capacity (ml)	Approx. BxWxH (mm)	Approx. Neck I.D.(mm)	Pack of	Price ₹/ Piece
288.202.07	1000	126 x 56 x 265	26	2	2561

Snap-over cap for BOD Bottle, 300 ml

Item Code	Capacity (ml)	Material	Pack of	Price /Piece
284.450.02SC	300	Polypropylene	10	40



ENQUIRE



Wash Bottles (New Type)

- Made from Low-Density Polyethylene are therefore translucent & unbreakable
- The distinguishing feature that these bottles have is the built in delivery tube, making it a one-piece Wash Bottle
- These Bottles are graduated on the outer surface to approximate idea the volume of the solution filled or dispensed

Item Code	Capacity (ml)	Pack of	Price /Pack
110.303.01	250	12	1143
110.303.02	500	12	1330
110.303.03	125	12	741



ENQUIRE



Bottle, Brush

Item Code	Material of Bristles	Pack of	Price /Pack
593.303.01	Nylon	50	5424

Nylon



ENQUIRE



Bottle

Designed For Safety:

- Minimizes spills and prevents breakage
 - Meets secondary containment requirement
 - Easy mechanism
 - Environmentally friendly
 - No effect on product quality
 - Suitable for 2.5 ltr. glass bottle
- Prevent breakage and minimizes spills
 - Meets secondary containment requirements
 - Easy-to-use mechanism
 - Is Environmentally responsible
 - Does not contaminate liquids



6 Easy steps to greater lab safety.



Step 1.
Disengage Bottom & top of Safe-Handle.



Step 2.
Carefully place the bottle in the bottom portion of the Safe-Handle.



Step 3.
Lower the Safe-Handle top over the neck of the bottle. Line up the indicator arrows to ensure assembly.



Step 4.
When the bottle is empty, place the safe-handle. While holding the bottom handle with one hand, turn the top handle with the other hand in a clockwise direction until the lugs click into place.



Step 5.
Lock the top of the container to the bottom by pressing the handle lock mechanism until it snaps together. Ensure that the locking mechanism is engaged before carrying or dispensing liquid.



Step 6.
When the bottle is empty, place the safe-handle on a flat surface to disengage. Hold the bottom handle with one hand. Using the other hand rotate the top in a counter clockwise direction until the lugs are disengaged. Remove the top from the bottom.

Item Code	Description	Pack of	Price /Piece
215.202.01	Safety Jar for European 2.5 Ltr Glass Bottle	1	3155



ENQUIRE

**BURETTES THAT DELIVER
PERFECT ACCURACY**



Burette



Glassco Burettes are manufactured from ASTM E-438 TYPE 1 CLASS A BORO 3.3 heat resistant glass which meet DIN ISO 385 and USP standards. Each and every piece is calibrated to deliver (TD, EX) 27° C.

All 'A' CLASS burettes are manufactured from precision bore tubing for accuracy.

The Burettes are calibrated on computer controlled machines to give the most accurate results and then are rechecked on the quality control centre.

The Burettes made in 'A' class come with individual work certificate.

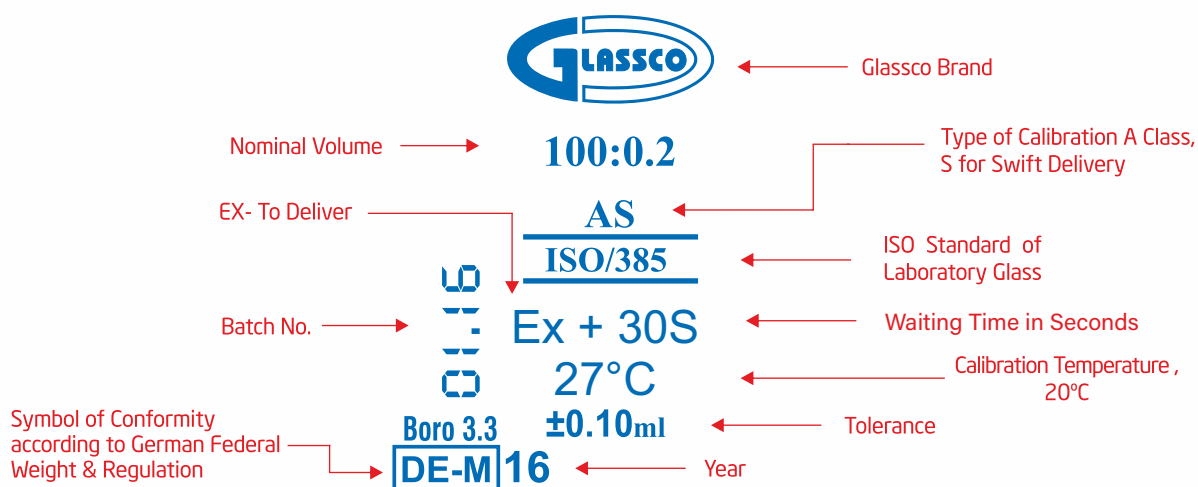
All 'A' Class burettes are printed in blue colour.

The individual work certificate are packed with each piece, however it can also be downloaded through our website www.glasscolabs.com

The Burettes come with 3 different kind of stopcocks Glass Stopcock, PTFE Needle Valve Stopcock & PTFE Key Stopcock.



Schellbach
Stripe



Burette, with glass stopcock Class A

- Complies with DIN ISO 385/IS 1997: 2008
- Comes with individual works certificate in clear glass
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
111.523.01	10	0.05	0.03	1	2925
111.523.02	25	0.1	0.05	1	2876
111.523.03	50	0.1	0.05	1	3270
111.523.04	100	0.2	0.1	1	4713

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

GLASS

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Burette, with glass stopcock, Class A

- Complies with DIN ISO 385/IS 1997: 2008
- NABL certified
- Comes with individual works certificate in Clear glass
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
111.505.01	10	0.05	0.03	1	5408
111.505.02	25	0.1	0.05	1	5600
111.505.03	50	0.1	0.05	1	6393
111.505.04	100	0.2	0.1	1	9106

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

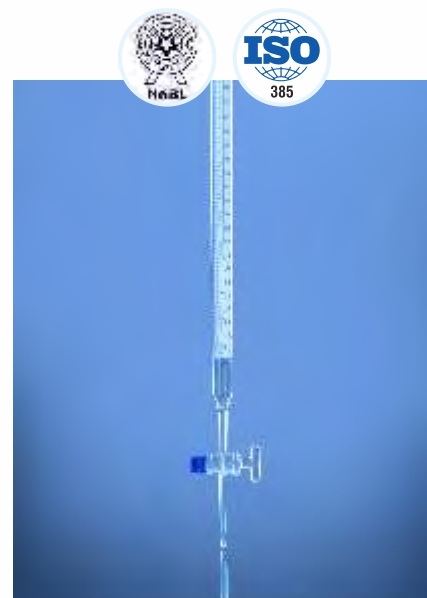
GLASS

A
CLASS

BATCH
CERTIFICATE



ENQUIRE



Burette



Burette, with glass stopcock, Class B

- Complies with DIN ISO 385/IS 1997: 2008
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
110.522.01	10	0.05	0.05	1	955
110.522.02	25	0.1	0.1	1	931
110.522.03	50	0.1	0.1	1	1010
110.522.04	100	0.2	0.20	1	1413

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

GLASS

B
CLASS



ENQUIRE



Burette, with Boroflow stopcock, Class A

- Complies with DIN ISO 385/IS 1997 :2008
- Comes with Individual Work Certificate in clear Glass
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
113.523.01	10	0.05	0.03	1	2591
113.523.02	25	0.1	0.05	1	2669
113.523.03	50	0.1	0.05	1	3039
113.523.04	100	0.2	0.1	1	4265

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

NEEDLE

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE

Burette, with Boroflow stopcock, Class A

- Complies with DIN ISO 385
- NABL Certified
- Comes with Individual Works Certificate
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
113.505.01	10	0.05	0.03	1	5250
113.505.02	25	0.10	0.05	1	5437
113.505.03	50	0.10	0.05	1	6141
113.505.04	100	0.20	0.10	1	8629

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

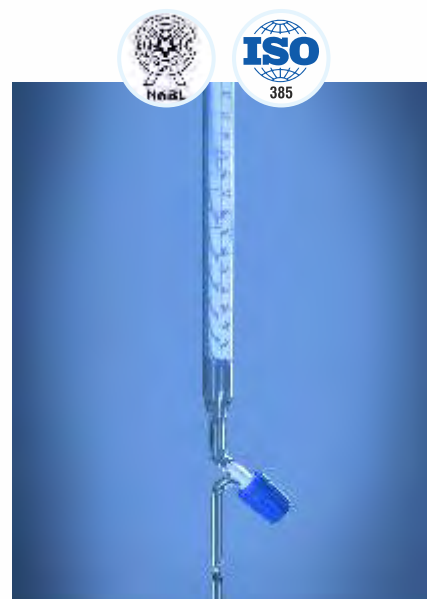
NEEDLE

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Burette, with Boroflow stopcock, Class B

- Complies with DIN ISO 385
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
112.522.01	10	0.05	0.05	1	842
112.522.02	25	0.10	0.10	1	798
112.522.03	50	0.10	0.10	1	882
112.522.04	100	0.20	0.20	1	1335

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

NEEDLE

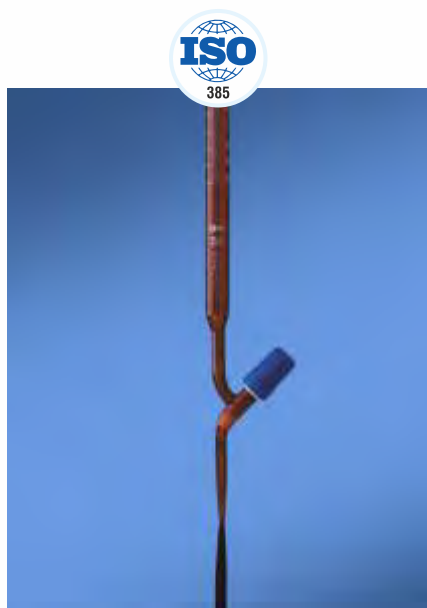
B
CLASS



ENQUIRE



Burette



Burette, Amber with Boroflow stopcock, Class A

- Complies with DIN ISO 385/IS 1997 :2008
- Comes with Individual Work Certificate in Amber Glass

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
113.524.02A	25	0.10	0.05	1	4565
113.524.03A	50	0.10	0.05	1	5058

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

NEEDLE

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Burette, Amber with Boroflow stopcock, Class B

- Complies with DIN ISO 385 standards

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
112.522.02A	25	0.10	0.10	1	1281
112.522.03A	50	0.10	0.10	1	1305

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

NEEDLE

B
CLASS



ENQUIRE

Burette, With PTFE key stopcock, Class A

- Complies with DIN ISO 385/IS 1997 : 2008
- Comes with Individual Work Certificate clear Glass
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
115.523.01	10	0.05	0.03	1	3036
115.523.02	25	0.1	0.05	1	3109
115.523.03	50	0.1	0.05	1	3270
115.523.04	100	0.2	0.1	1	4609

Burette, With PTFE key stopcock Class A

- Complies with DIN ISO 385/IS 1997 : 2008
- NABL Certified
- Comes with Individual Work Certificate in clear Glass
- Printed in blue colour



ENQUIRE

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
115.505.01	10	0.05	0.03	1	4959
115.505.02	25	0.1	0.05	1	5137
115.505.03	50	0.1	0.05	1	5866
115.505.04	100	0.2	0.1	1	8594

3.3
BORO
GLASS



ENQUIRE



Burette, With PTFE key stopcock Class B

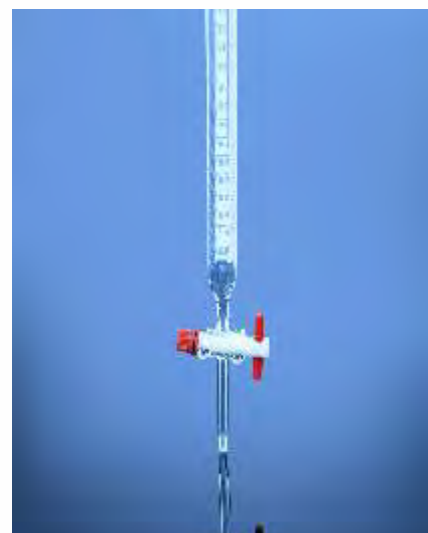
- Complies with DIN ISO 385/IS 1997 : 2008
- Comes with Individual Work Certificate clear Glass
- Printed in blue colour

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
114.522.01	10	0.05	0.05	1	1258
114.522.02	25	0.1	0.10	1	1264
114.522.03	50	0.1	0.10	1	1212

3.3
BORO
GLASS



ENQUIRE



Burette



ASTM-Burettes

Burette, with PTFE Key Stopcock, Class A

- Calibrated at 20°C
- Complies with ASTM E 287 Specifications.
- Individual work certificate

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Pack of	Price /Piece
115.451.01	10	0.05	0.02	1	3091
115.451.02	25	0.10	0.03	1	3211
115.451.03	50	0.10	0.05	1	3532
115.451.04	100	0.20	0.10	1	4730

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

PTFE

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Brush, Burette

Item Code	Type	Material of Bristle	Pack of	Price /Pack
593.303.07	Burette Brush	Nylon	50	8748



ENQUIRE

Burette, Fisher Clamp

- Moulded in Polypropylene making it completely corrosion proof
- The spring loaded jack in the middle provides a vice like grip to the Burette and prevents it from slipping
- Two tapered wedges are provided to ensure firm grip on rods having dia 1/2" or 3/8"
- Made from Polypropylene

Item Code	Type	Pack of	Price /Pack
112.303.01	Fisher Clamp - Single	12	2280
112.303.02	Fisher Clamp - Double	6	1615



ENQUIRE

**Burette, Clamp**

- Made of Aluminium, die casted, blue painted, black rubber sleeves for firm gripping of buret tes.
- With adjustable clamps to hold upto 30 mm, spring type, thumb screw key for retort rods upto 16 mm dia.

Item Code	Type	Pack of	Price /Pack
394.303.01	Single	12	10778
394.303.02	Double	6	4771



ENQUIRE





Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated,
- Fisher Type with Boss Head, Single

Item Code	Type	Max. Temp.	Pack of	Price /Pack
318.303.01	PVC Sleeve	80°C	12	4811
318.303.02	Silicon Sleeve	280°C	12	4759

MS



ENQUIRE



Burette, Clamp, Mild Steel

- Mild Steel
- Black Powder Coated
- Fisher Type with Boss Head, Single

Item Code	Type	Max. Temp.	Pack of	Price /Pack
319.303.01	PVC Sleeve	80°C	12	4391
319.303.02	Silicon Sleeve	280°C	12	4298

MS



ENQUIRE

Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated
- Fisher Type with Boss Head, Double

Item Code	Type	Max. Temp.	Pack of	Price /Pack
320.303.01	PVC Sleeve	80°C	6	3563
320.303.02	Silicon Sleeve	280°C	6	3534

MS



WITH
BOSSHEAD



ENQUIRE



Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated
- Fisher Type with Boss Head, Double

Item Code	Type	Max. Temp.	Pack of	Price /Pack
321.303.01	PVC Sleeve	80°C	6	3429
321.303.02	Silicon Sleeve	280°C	6	3406

MS



WITH
BOSSHEAD



ENQUIRE



**SAY GOODBYE TO GUESSWORK
AUTOMATE WITH EASE**



Burette, Automatic Zero with Boroflow Stopcock,

- Complies with DIN ISO 385 standard Class-A
- Comes with Individual Works Certificate
- With detachable stopcock prevents breakage during usage

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
120.523.01	10	0.05	0.03	500	1	10697
120.523.02	25	0.1	0.05	2000	1	10421
120.523.03	50	0.1	0.05	2000	1	11574
120.523.04	100	0.2	0.10	2000	1	13155

Burette, Automatic Zero with Boroflow Stopcock,

- Complies with DIN ISO 385 standard Class-B

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
118.522.01	10	0.05	0.05	500	1	7067
118.522.02	25	0.1	0.1	2000	1	6910
118.522.03	50	0.1	0.1	2000	1	7570
118.522.04	100	0.2	0.2	2000	1	8688

3.3
BORO
GLASSBLUE
PRINTINGChemical
Resistant

PTFE

NEEDLE

A
CLASSINDIVIDUAL
CERTIFICATE

Accessories like bottle & rubber below order separately (For reference go to page no 77)

Ps: These burettes can also be supplied in amber color. Please ask for the same separately



ENQUIRE



ENQUIRE

**Burette, Automatic Zero, Amber With Boroflow Stopcock,**

- Complies with DIN ISO 385 standard Class-A
- Comes with Individual Works Certificate
- With detachable stopcock stopper

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
120.523.01A	10	0.05	0.03	500	1	23340
120.523.02A	25	0.1	0.05	2000	1	24655
120.523.03A	50	0.1	0.05	2000	1	27393
120.523.04A	100	0.2	0.10	2000	1	28299

Burette, Automatic Zero, Amber with Boroflow Stopcock,

- Complies with DIN ISO 385 standard Class-B

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
118.522.01A	10	0.05	0.05	500	1	15721
118.522.02A	25	0.1	0.1	2000	1	15883
118.522.03A	50	0.1	0.1	2000	1	16361
118.522.04A	100	0.2	0.2	2000	1	16996

3.3
BORO
GLASSBLUE
PRINTINGChemical
Resistant

PTFE

NEEDLE

A
CLASSINDIVIDUAL
CERTIFICATE

Accessories like bottle & rubber below order separately (For reference go to page no 77)

Ps: These burettes can also be supplied in amber color. Please ask for the same separately



ENQUIRE



ENQUIRE



Burette



Burette, Automatic Zero with Glass Stopcock,

- Complies with DIN ISO 385 standard Class-A
- Comes with Individual Works Certificate
- With detachable stopcock prevents breakage during usage

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.523.01	10	0.05	0.03	500	1	11076
121.523.02	25	0.1	0.05	2000	1	10722
121.523.03	50	0.1	0.05	2000	1	11987
121.523.04	100	0.2	0.10	2000	1	13647

Burette, Automatic Zero with Glass Stopcock,

- Complies with DIN ISO 385 standard Class-B

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.522.01	10	0.05	0.05	500	1	7269
121.522.02	25	0.1	0.1	2000	1	7151
121.522.03	50	0.1	0.1	2000	1	7742
121.522.04	100	0.2	0.2	2000	1	8826

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

GLASS

NEEDLE

CLASS

INDIVIDUAL
CERTIFICATE

Accessories like bottle & rubber below order separately (For reference go to page no 77)

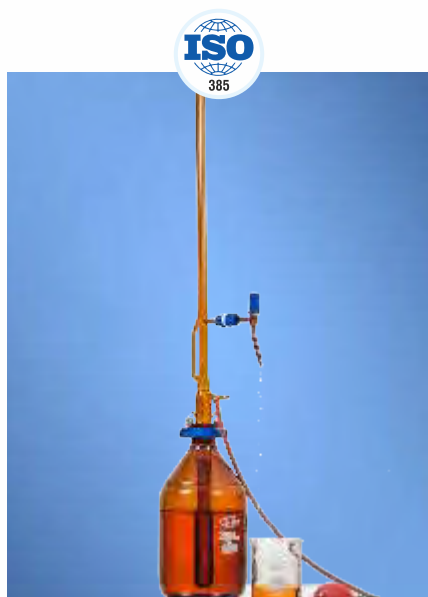
Ps: These burettes can also be supplied in amber color. Please ask for the same separately



ENQUIRE



ENQUIRE



Burette, Automatic Zero, Amber with Glass Stopcock,

- Complies with DIN ISO 385 standard Class-A
- Comes with Individual Works Certificate
- With detachable stopcock prevents breakage during usage

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.523.01A	10	0.05	0.03	500	1	23620
121.523.02A	25	0.1	0.05	2000	1	25044
121.523.03A	50	0.1	0.05	2000	1	27550
121.523.04A	100	0.2	0.10	2000	1	28462

Burette, Automatic Zero, Amber with Glass Stopcock,

- Complies with DIN ISO 385 standard Class-B

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
121.522.01A	10	0.05	0.05	500	1	15883
121.522.02A	25	0.1	0.1	2000	1	16115
121.522.03A	50	0.1	0.1	2000	1	16440
121.522.04A	100	0.2	0.2	2000	1	17242

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

GLASS

NEEDLE

CLASS

INDIVIDUAL
CERTIFICATE

Accessories like bottle & rubber below order separately (For reference go to page no 77)

Ps: These burettes can also be supplied in amber color. Please ask for the same separately



ENQUIRE



ENQUIRE

Burette, Automatic, Zero with PTFE stopcock

- Complies with DIN ISO 385 standard Class-A
- Comes with Individual Works Certificate
- With Detachable stopcock to prevents breakage during usage

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01	10	0.05	0.03	500	1	11682
122.523.02	25	0.1	0.05	2000	1	11421
122.523.03	50	0.1	0.05	2000	1	12662
122.523.04	100	0.2	0.10	2000	1	14480

Burette, Automatic Zero with PTFE stopcock

- Complies with DIN ISO 385 standard Class-B

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01B	10	0.05	0.05	500	1	7663
122.523.02B	25	0.1	0.1	2000	1	7506
122.523.03B	50	0.1	0.1	2000	1	8156
122.523.04B	100	0.2	0.2	2000	1	9254

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

PTFE

NEEDLE

A
CLASS

INDIVIDUAL
CERTIFICATE

Accessories like bottle & rubber below order separately (For reference go to page no 77)

Ps: These burettes can also be supplied in amber color. Please ask for the same separately



ENQUIRE



ENQUIRE



Burette, Automatic Zero, Amber with PTFE stopcock

- Complies with DIN ISO 385 standard Class-A
- Comes with Individual Works Certificate
- With Detachable stopcock to prevents breakage during usage

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01A	10	0.05	0.03	500	1	24497
122.523.02A	25	0.1	0.05	2000	1	26147
122.523.03A	50	0.1	0.05	2000	1	28634
122.523.04A	100	0.2	0.10	2000	1	29964

Burette, Automatic Zero with PTFE stopcock

- Complies with DIN ISO 385 standard Class-B

Item Code	Capacity (ml)	Division	Tolerance ($\pm$ ml)	Bottle Cap. (ml)	Pack of	Price / Piece
122.523.01AB	10	0.05	0.05	500	1	16115
122.523.02AB	25	0.1	0.1	2000	1	15159
122.523.03AB	50	0.1	0.1	2000	1	15563
122.523.04AB	100	0.2	0.2	2000	1	16277

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

PTFE

NEEDLE

A
CLASS

INDIVIDUAL
CERTIFICATE

Accessories like bottle & rubber below order separately (For reference go to page no 77)

Ps: These burettes can also be supplied in amber color. Please ask for the same separately



ENQUIRE



ENQUIRE





Burette, Chloroform Bellow with Cotton Net

For use with automatic burettes

Item Code	Pack of	Price /Pack
412.303.01	4	1446



ENQUIRE



Burette, Atomizer Bulb :

Typically, an atomizer is used to dispense something in small, controlled amounts

Item Code	Pack of	Price /Pack
413.303.01	4	548



ENQUIRE

Chromatography Column With Sintered/Fritted Disc

- Made from Boro 3.3 Glass as per ISO 3585
- Chemical resistant with porosity 1
- Economical & ideal for educational use

Item Code	Capacity (ml)	Body O.D. (mm)	Stem Length (mm)	Stem O.D. (mm)	Pack of	Price / Piece
218.212.03	30	14	355	8	5	544

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Chromatography Column With Sintered/Fritted Disc

- With PTFE needle Valve Stopcock
- Chemical resistant With Porosity 0
- With socket for Connecting Reservoir Flasks
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Socket Size	Pack of	Price /Piece
220.202.01	10	100	14/23	1	1161
220.202.02	10	200	14/23	1	1161
220.202.03	10	300	14/23	1	1161
220.202.04	10	400	14/23	1	1216
220.202.05	20	200	19/26	1	1318
220.202.06	20	300	19/26	1	1318
220.202.07	20	400	19/26	1	1373
220.202.08	20	500	19/26	1	1439
220.202.09	26	400	24/29	1	1452
220.202.10	26	500	24/29	1	1518
220.202.11	30	400	29/32	1	1615
220.202.12	30	500	29/32	1	1675
220.202.13	30	400	34/35	1	1947
220.202.14	30	500	34/35	1	2014
220.202.15	40	400	40/38	1	2081
220.202.16	40	500	40/38	1	2189

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

NEEDLE

1 x
SOCKET



ENQUIRE





Chromatography Column With Sintered/Fritted Disc

- With Socket
- Fritted Disc Porosity 0
- With PTFE Key Stopcock, 2mm Bore
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Capacity (ml)	Stopcock	N/S	Pack of	Price / Piece
221.212.01	10	100	8	PTFE	14/23	1	2171
221.212.02	10	200	15	PTFE	14/23	1	2171
221.212.03	15	200	35	PTFE	14/23	1	2189
221.212.04	10	300	23	PTFE	14/23	1	2171
221.212.05	20	400	125	PTFE	29/32	1	2655
221.212.07	30	600	430	PTFE	29/32	1	2619

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE



Chromatography Column With Sintered/Fritted Disc

- With Socket and Cone
- With PTFE Key Stopcock and Suction Tube (GL 14)
- Fritted Disc Porosity 0
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Capacity (ml)	Socket & Cone	Pack of	Price /Piece
212.202.02	15	200	35	14/23	1	2413
212.202.04	20	400	120	14/23	1	2510
212.202.04D	30	400	280	29/32	1	3024
212.202.06D	30	600	430	29/32	1	3181

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE

Chromatography Column With Sintered/Fritted Disc

- With Socket and Cone
- With PTFE Needle Valve Stopcock (0-3mm) and Suction Tube (Thread GL14)
- Fritted Disc Porosity 0
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Capacity (ml)	Socket & Cone	Pack of	Price / Piece
213.202.02	15	200	35	14/23	1	1409
213.202.04	20	400	120	14/23	1	1476
213.202.04D	30	400	280	29/32	1	1941
213.202.06D	30	600	430	29/32	1	2171

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET



ENQUIRE



Chromatography Column

- Heavy wall Design
- General purpose column, has a PTFE stopcock and a top outer joint for flash chromatography

Item Code	Socket	O.D x Ht (mm)	Bore (mm)	Pack of	Price /Piece
221.475.01	24/40	17x305	2	1	2335
221.475.02	24/40	32x457	2	1	2637

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE





Chromatography Column With Joint Sintered/Fritted Disc and PTFE Stopcock

- General purpose column, has a PTFE stopcock, a top outer joint and with a coarse porosity fritted disc to support column packing

Item Code	Socket	O.D x Ht (mm)	Bore (mm)	Pack of	Price /Piece
221.477.03	24/40	40x457	2	1	4639

3.3
BORO
GLASS

WHITE
PRINTING

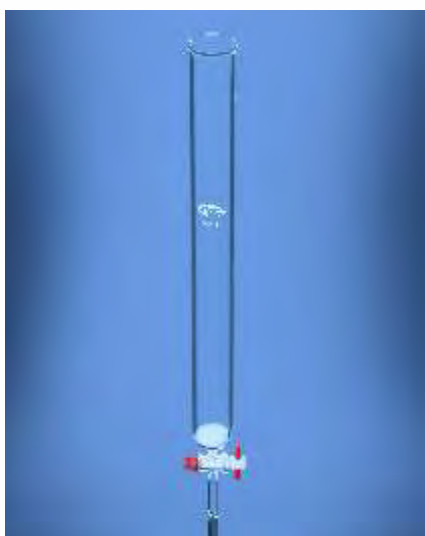
Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE



Chromatography Column With Joint Sintered/Fritted Disc and PTFE Stopcock

- With heavy wall design for safety
- With reinforced Beaded Top & Coarse Porosity Fritted Disc to Support Column Packing

Item Code	O.D x Ht (mm)	Bore (mm)	Pack of	Price /Piece
221.204.06	40x457	2	1	2830

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE



ENQUIRE

Chromatography Column with Grounded Cone

- With socket to connect a stopcock adapter to control eluent flow
- With sintered disc porosity 0

Item Code	I.D. (mm)	Length (mm)	Overall Length (mm)	Socket	Cone	Pack of	Price / Piece
223.202.01	18	200	310	24/29	19/26	1	1318
223.202.02	18	300	415	24/29	19/26	1	1318
223.202.03	18	400	515	24/29	19/26	1	1373

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET

1 x
CONE



ENQUIRE



Column, Vigreux With Socket and Cone

- Made of Boro 3.3 glass
- Without Glass Jacket

Item Code	Effective Length (mm)	Cone & Socket (N/S)	Pack of	Price /Piece
197.204.01	100	10/19	1	575
197.204.02	200	10/19	1	671
197.204.05A	300	14/23	1	895
197.204.05C	300	24/29	1	1228
197.204.05D	300	29/32	1	1409
197.204.03	360	29/32	1	1500
197.204.06	600	24/29	1	1712
197.204.06A	600	29/32	1	1845

ASTM Size

Item Code	Effective Length (mm)	Cone & Socket (N/S)	Pack of	Price /Piece
197.470.00	120	14/20	1	623
197.470.09	300	24/40	1	1409

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Condenser



Condenser, Air

- Manufactured from ASTM E-438, Type-1, Class, A Boro 3.3 Glass
- With Ground Socket and Cone Joint
- Used for Condensation of Materials With Boiling Point Above 150°C

Item Code	Effective Length (mm)	Cone Size	Socket Size	Pack of	Price /Piece
181.202.01	200	14/23	14/23	1	502
181.202.02	200	19/26	19/26	1	617
181.202.03	250	24/29	24/29	1	895
181.202.04	400	19/26	19/26	1	1040
181.202.05	500	24/29	24/29	1	1270
181.202.06	500	34/35	34/35	1	2534
181.202.07	600	19/26	19/26	1	1113
181.202.08	750	24/29	24/29	1	1730
181.202.09	750	19/26	-	1	1191
181.202.10	750	24/29	-	1	1222
181.202.11	1000	19/26	-	1	1954
181.202.12	1000	24/29	-	1	2008



3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

PS : All Condensers can be ordered with ASTM Joint Sizes on request

Condenser, Leibig with drip tip

- Complies with DIN 12576 standard
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- With ground socket and cone joint
- With straight inner tube, outer joints and glass connector
- Resistant to chemicals and high temperatures

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
182.202.01	160	14/23	14/23	Glass	1	732
182.202.01A	160	19/26	19/26	Glass	1	732
182.204.02	200	19/26	19/26	Glass	1	773
182.202.02	250	19/26	19/26	Glass	1	786
182.202.03*	250	24/29	24/29	Glass	1	786
182.202.03A	250	29/32	29/32	Glass	1	786
182.202.04*	300	19/26	19/26	Glass	1	798
182.202.05*	300	24/29	24/29	Glass	1	852
182.202.06*	300	29/32	29/32	Glass	1	1083
182.202.10*	400	24/29	24/29	Glass	1	990
182.202.11	400	29/32	29/32	Glass	1	926

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
182.402.01	120	14/20	14/20	Glass	1	762
182.402.02	180	19/22	19/22	Glass	1	780
182.402.04	200	24/40	24/40	Glass	1	829
182.402.05	300	24/40	24/40	Glass	1	829

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

* Non DIN



Condenser, Leibig with drip tip

- Complies with DIN 12576 standard
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- With ground socket and cone joint
- With straight inner tube, outer joints and screw thread connector
- Resistant to chemicals and high temperatures

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
182.181.01	160	14/23	14/23	Screw Thread	1	804
182.181.01A	160	19/26	19/26	Screw Thread	1	804
182.181.02	250	19/26	19/26	Screw Thread	1	859
182.181.03*	250	24/29	24/29	Screw Thread	1	859
182.181.03A	250	29/32	29/32	Screw Thread	1	859
182.181.04*	300	19/26	19/26	Screw Thread	1	798
182.181.05*	300	24/29	24/29	Screw Thread	1	798
182.181.06*	300	29/32	29/32	Screw Thread	1	1155
182.181.10*	400	24/29	24/29	Screw Thread	1	926
182.181.11	400	29/32	29/32	Screw Thread	1	926

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
182.481.01	120	14/20	14/20	Screw Thread	1	829
182.481.02	180	19/22	19/22	Screw Thread	1	841
182.481.03	200	24/40	24/40	Screw Thread	1	724
182.481.05	300	24/40	24/40	Screw Thread	1	822

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
THREAD



ENQUIRE



ENQUIRE

* Non DIN



Condenser



Condenser Coil

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With glass connector
- Highly efficient with large cooling surfaces
- Suitable for Distillation & Reflux applications

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
183.202.01	160	14/23	14/23	Glass	1	1125
183.202.01A	160	19/26	19/26	Glass	1	1125
183.202.02A	250	14/23	14/23	Glass	1	1367
183.202.03	250	19/26	19/26	Glass	1	1367
183.202.04	250	24/29	24/29	Glass	1	1367
183.202.04A	250	29/32	29/32	Glass	1	1367
183.202.05	300	24/29	24/29	Glass	1	1192
183.202.06	300	29/32	29/32	Glass	1	1796
183.202.08	400	24/29	24/29	Glass	1	1221
183.202.07	400	29/32	29/32	Glass	1	1766
183.202.09	500	29/32	29/32	Glass	1	1537

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
183.402.04	200	24/40	24/40	Glass	1	1403
183.402.05	300	24/40	24/40	Glass	1	1415
183.402.07	400	24/40	24/40	Glass	1	1796

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS



ENQUIRE



ENQUIRE



Condenser Coil

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With plastic screw thread connector
- Highly efficient with large cooling surfaces
- Suitable for Distillation & Reflux applications

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
183.181.01	160	14/23	14/23	Screw Thread	1	1191
183.181.01A	160	19/26	19/26	Screw Thread	1	1191
183.181.02A	250	14/23	14/23	Screw Thread	1	1421
183.181.03	250	19/26	19/26	Screw Thread	1	1421
183.181.04	250	24/29	24/29	Screw Thread	1	1421
183.181.04A	250	29/32	29/32	Screw Thread	1	1421
183.181.05	300	24/29	24/29	Screw Thread	1	1826
183.181.06	300	29/32	29/32	Screw Thread	1	1826
183.181.07	400	29/32	29/32	Screw Thread	1	1857

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
183.481.03	200	24/40	24/40	Screw Thread	1	1458
183.481.05	300	24/40	24/40	Screw Thread	1	1899
183.481.07	400	24/40	24/40	Screw Thread	1	1917

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

SCREW
THREAD



ENQUIRE



ENQUIRE

Condenser Allihin

- Complies with DIN 12581 standard
- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With glass connector
- Inner bulb section provides increased cooling surface
- Suitable for reflux applications

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
190.202.05*	160	14/23	14/23	Glass	1	1125
190.202.06	160	19/26	19/26	Glass	1	1125
190.204.06A*	200	19/26	19/26	Glass	1	990
190.202.07*	250	14/23	14/23	Glass	1	1216
190.202.08*	250	19/26	19/26	Glass	1	1216
190.202.09*	250	24/29	24/29	Glass	1	1216
190.202.09A	250	29/32	29/32	Glass	1	1300
190.202.10*	300	24/29	24/29	Glass	1	1039
190.202.11*	300	29/32	29/32	Glass	1	1458
190.202.12*	400	24/29	24/29	Glass	1	1207
190.202.13*	400	29/32	29/32	Glass	1	1128
190.202.14*	600	29/32	29/32	Glass	1	1635

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
190.402.08	200	24/40	24/40	Glass	1	1270
190.402.10	300	24/40	24/40	Glass	1	1270
190.402.12	400	24/40	24/40	Glass	1	1325

3.3
BORO GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS



ENQUIRE



ENQUIRE

Condenser Allihin

- Complies with DIN 12581 standard
- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With plastic screw thread connector
- Inner bulb section provides increased cooling surface
- Suitable for reflux applications

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
190.181.05*	160	14/23	14/23	Screw Thread	1	1185
190.181.06	160	19/26	19/26	Screw Thread	1	1185
190.181.07*	250	14/23	14/23	Screw Thread	1	1276
190.181.08*	250	19/26	19/26	Screw Thread	1	1276
190.181.09*	250	24/29	24/29	Screw Thread	1	1276
190.181.09A	250	29/32	29/32	Screw Thread	1	1385
190.181.10*	300	24/29	24/29	Screw Thread	1	1506
190.181.11*	300	29/32	29/32	Screw Thread	1	1506
190.181.12*	400	24/29	24/29	Screw Thread	1	1718
190.181.13*	400	29/32	29/32	Screw Thread	1	1718

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
190.482.09	200	24/40	24/40	Screw Thread	1	1397
190.482.11	300	24/40	24/40	Screw Thread	1	1415
190.482.13	400	24/40	24/40	Screw Thread	1	1796

3.3
BORO GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

SCREW
THREAD



ENQUIRE



ENQUIRE

* Non DIN



Condenser



Condenser, Dimroth

- Complies with DIN 12591
- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 Glass
- With glass Connector

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
190.204.01*	160	14/23	14/23	Glass	1	1343
190.204.02*	160	19/26	19/26	Glass	1	1343
190.204.03*	250	19/26	19/26	Glass	1	1536
190.204.04*	250	24/29	24/29	Glass	1	1536
190.204.05	250	29/32	29/32	Glass	1	1536
190.204.06A	200	19/26	19/26	Glass	1	990
190.204.06*	300	24/29	24/29	Glass	1	1675
190.204.07*	300	29/32	29/32	Glass	1	1675
190.204.08	400	29/32	29/32	Glass	1	1917

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Condenser, Dimroth

- Complies with DIN 12591
- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 Glass
- With plastic screw thread connector

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
190.181.01A*	160	14/23	14/23	Screw Thread	1	1445
190.181.02A*	160	19/26	19/26	Screw Thread	1	1445
190.181.03A*	250	19/26	19/26	Screw Thread	1	1633
190.181.04A*	250	24/29	24/29	Screw Thread	1	1633
190.181.05A	250	29/32	29/32	Screw Thread	1	1633
190.181.06A*	300	24/29	24/29	Screw Thread	1	1772
190.181.07A*	300	29/32	29/32	Screw Thread	1	1772
190.181.08A	400	29/32	29/32	Screw Thread	1	2008

3.3
BORO
GLASS



A
CLASS



* Non DIN



ENQUIRE



Condenser, Liebig

- Made from ASTM E-438, Type-1, Class-A Boro 3.3 Glass
- Available with sealed inner tube
- With glass connector
- Resistant to chemicals and high temperatures
- High efficiency with large cooling surfaces

Item Code	Approx Jacket Length (mm)	Approx Jacket Length (mm)	Connector	Pack of	Price /Piece
182.407.02	200	345	Glass	1	773
182.407.03	300	445	Glass	1	660
182.407.04	400	545	Glass	1	685
182.407.05	500	645	Glass	1	837

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Condenser, Double Surface

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
187.202.03	200	19/26	19/26	Glass	1	3034
187.202.04	200	24/29	24/29	Glass	1	3999
187.202.12	300	19/26	19/26	Glass	1	3236
187.202.13	300	24/29	24/29	Glass	1	4378

ASTM Size

Item Code	Effective Length(mm)	Cone Size	Socket Size	Connector	Pack of	Price /Piece
187.402.01	110	14/20	14/20	Glass	1	3127
187.402.02	110	19/22	19/22	Glass	1	3127
187.402.03A	200	24/40	24/40	Glass	1	4494
187.402.03	200	19/22	19/22	Glass	1	4167

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



ENQUIRE



Condenser, Friedrichs

- With Drip Tip
- With ground socket and cone joint
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass.

Item Code	Overall Height (mm)	Cone Size	Socket Size	Connector	Pack of	Price / Piece
180.202.10	350	24/29	24/29	Glass	1	4772

ASTM Size

Item Code	Overall Height (mm)	Cone Size	Socket Size	Connector	Pack of	Price / Piece
340.470.01	330	24/40	24/40	Glass	1	4935

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



ENQUIRE



Condenser, Reflux, Glass Connector

- Coil style reflux condenser with tightly warped coil providing maximum cooling
- Drip Tip

Item Code	Overall Height (mm)	Cone Size	Socket Size	Pack of	Price /Piece
347.470.01	205	14/20	14/20	1	1790
347.470.04	365	24/40	24/40	1	2214

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Crucible



Crucible, Porcelain (Euro Design), Squat Form

- Made of Ceramic
- With Lid
- Upto 400°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Type	Pack of	Price / Pack
522.303.13	2	18	12	Squat Form	6	933
522.303.14	8	32	20	Tall Form	6	1091
522.303.15	17	41	26	Tall Form	4	863
522.303.16	30	50	31	Tall Form	4	951
522.303.17	50	61	37	Tall Form	4	1149
522.303.18	100	76	46	Tall Form	2	863
522.303.19	150	84	52	Tall Form	2	980

Ceramic



Upto
1150°C



ENQUIRE



Crucible, Porcelain (Euro Design), Tall Form

- Made of Ceramic
- With Lid
- Upto 400°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Type	Pack of	Price / Pack
523.303.11	1.3	15	15	Tall Form	6	921
523.303.12	5	24	20	Tall Form	6	1021
523.303.13	10	31	26	Tall Form	4	712
523.303.14	15	35	29	Tall Form	4	828
523.303.15	30	45	36	Tall Form	4	956
523.303.16	40	43	37	Tall Form	2	531
523.303.17	50	53	43	Tall Form	2	624
523.303.18	100	65	54	Tall Form	2	846

Ceramic



Upto
1150°C



ENQUIRE



Crucible, Quartz

- Made of Quartz Tubing
- Tolerance upto 1200°C

Item Code	Capacity (ml)	Type	Pack of	Price /Pack
521.303.01	15	Without Lid	4	3771
521.303.02	25	Without Lid	4	5510
521.303.03	50	Without Lid	2	4389
521.303.04	100	Without Lid	2	6299
521.303.05	15	With Lid	4	6083
521.303.06	25	With Lid	4	8678
521.303.07	50	With Lid	2	6917
521.303.08	100	WithLid	2	10649

Quartz
Gel



Upto
1200°C



ENQUIRE

Crucible, Silica

- With Lid
- Goes upto 700°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price /Pack
518.303.01	15	41	25	6	5855
518.303.02	25	47	28	6	6433
518.303.03	50	57	37	6	11291
518.303.04	80	67	45	4	12376
518.303.05	100	71	50	4	15443
518.303.06	150	82	51	4	17893

SiO₂Upto
900°C

ENQUIRE

**Crucible, Silica**

- Without Lid
- Goes upto 700°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price /Pack
519.303.01	15	41	25	6	2933
519.303.02	25	47	28	6	3318
519.303.03	50	57	37	6	6147
519.303.04	80	67	45	4	6893
519.303.05	100	71	50	4	8830
519.303.06	150	82	51	4	10766

SiO₂Upto
900°C

ENQUIRE

**Crucible, Filter, With Sintered Disc**

- Made from ASTM E-438 type-1 Class A Boro 3.3 glass

Item Code	Porosity	Capacity (ml)	Pack of	Price /Piece
255.G00.01	0	15	10	556
255.G01.01	1	15	10	547
255.G02.01	2	15	10	547
255.G03.01	3	15	10	547
255.G04.01	4	15	10	547
255.G05.01	5	15	10	670
255.G00.02	0	30	10	750
255.G01.02	1	30	10	724
255.G02.02	2	30	10	724
255.G03.02	3	30	10	724
255.G04.02	4	30	10	724
255.G05.02	5	30	10	896
255.G00.03	0	50	10	877
255.G01.03	1	50	10	837
255.G02.03	2	50	10	837
255.G03.03	3	50	10	837
255.G04.03	4	50	10	837
255.G05.03	5	50	10	1049

3.3
BORO
GLASSWHITE
PRINTINGChemical
Resistant

LOW FORM



ENQUIRE



Crucible



Crucible, Holders

- Available set of 7

Item Code	Type	Pack of	Price /Pack
416.303.01	Set of 7, Made of Natural Rubber	1	612
416.303.02	Set of 7, Made of Silicon	1	1860

Silicone



ENQUIRE



Crucible, Tong

- Made of SS, Grade 202

Item Code	Height (mm)	Pack of	Price /Pack
355.303.01	150	4	921
355.303.02	200	4	1178
355.303.03	250	4	1697
355.303.04	300	4	2146
355.303.05	375	4	2864
355.303.06	450	4	3406
355.303.07	600	4	7243

SS

Grade
202



ENQUIRE



Crucible, Tong

- Made of mild steel
- Black painted/chrome plated

Item Code	Size (mm)	Type	Pack of	Price /Pack
367.303.01	150	Black Painted	4	781
367.303.02	200	Black Painted	4	898
367.303.03	300	Black Painted	4	1691
367.303.04	150	Chrome Painted	4	805
367.303.05	200	Chrome Painted	4	898
367.303.06	300	Chrome Painted	4	1575

SS

Grade
202



ENQUIRE

GLASSCO measuring cylinders are made from ASTM E – 438, TYPE-1, CLASS-A BORO 3.3 glass that meet ISO 4788 standard. The calibration is done on automatic computer controlled machines and are calibrated to contain (TC, In) according to the ISO & ASTM tolerance standards. All ISO Cylinders come with **DE-M** Mark printed on it.

Measuring Cylinder with Hexagonal Base, Class-A, with ISI Mark

- Complies with ISI 878, DIN EN ISO 4788
- With individual work certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
139.523.00A	5	0.1	0.05	1	616
139.523.01A	10	0.2	0.10	1	714
139.523.02A	25	0.5	0.25	1	813
139.523.03A	50	1.0	0.50	1	990
139.523.04A	100	1.0	0.50	1	1123
139.523.04B*	150	1.0	1.00	1	1487
139.523.05A	250	2.0	1.00	1	1655
139.523.06A	500	5.0	2.50	1	2310
139.523.07A	1000	10.0	5.00	1	2812
139.523.08A	2000	20.0	10.00	1	5477

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

INDIVIDUAL
CERTIFICATE



ENQUIRE



Cylinder, Measuring, Class A, NABL with ISI Mark

- Complies with ISI 878, DIN EN ISO 4788
- With hexagonal base
- With individual work certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
139.505.01A	10	0.2	0.10	1	1734
139.505.02A	25	0.5	0.25	1	2019
139.505.03A	50	1.0	0.50	1	2389
139.505.04A	100	1.0	0.50	1	2704
139.505.05A	250	2.0	1.00	1	4093
139.505.06A	500	5.0	2.50	1	5565
139.505.07A	1000	10.0	5.00	1	6885
139.505.08A	2000	20.0	10.00	1	8791

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

INDIVIDUAL
CERTIFICATE



ENQUIRE



PS: To order B class low form cylinder go to page :

Cylinder



Cylinder, Measuring, Graduated Class B, Hex Base, with ISI Mark

- Complies with ISI 878, DIN EN ISO 4788
- Printed in Blue colour

Item Code	Capacity (ml)	Sub Division (ml)	Pack of	Price /Piece
138.522.00A	5	0.1	2	350
138.522.01A	10	0.2	2	419
138.522.02A	25	0.5	2	483
138.522.03A	50	1.0	2	532
138.522.04A	100	1.0	2	596
138.522.04B*	150	1.0	2	887
138.522.05A	250	2.0	2	1113
138.522.06A	500	5.0	2	1443
138.522.07A	1000	10.0	1	2192
138.522.08A	2000	20.0	1	4201

3.3
BORO
GLASS



B
CLASS



ENQUIRE



Measuring Cylinder Graduated, Hex Base, Class A, Serialized

- Complies as per USP Standards
- With individual work certificate
- Printed in Amber colour

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of	Price /Piece
139.221.00A	5	0.1	0.05	1	749
139.221.01A	10	0.2	0.10	1	867
139.221.02A	25	0.5	0.15	1	980
139.221.03A	50	1.0	0.25	1	1167
139.221.04A	100	1.0	0.50	1	1305
139.221.05A	250	2.0	1.00	1	1891
139.221.06A	500	5.0	1.50	1	2502
139.221.07A	1000	10.0	3.00	1	3083
139.221.08A	2000	20.0	6.00	1	5767

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Cylinder, Measuring, Class A

- Complies as per USP Standards
- With Detachable PP base
- Protection collar individual works
- Calibrated at 20°C

Item Code	Capacity (ml)	Tolerance (± ml)	Pack of	Price /Piece
137.221.02	10	0.10	1	937
137.221.03	25	0.15	1	1004
137.221.04	50	0.25	1	1143
137.221.05	100	0.50	1	1349
137.221.06	250	1.00	1	1881
137.221.07	500	1.50	1	2740
137.221.08	1000	3.00	1	3466

3.3
BORO
GLASSBLUE
PRINTINGChemical
ResistantA
CLASSPROTECTED
COLLARINDIVIDUAL
CERTIFICATE

ENQUIRE

* Non DIN

**Cylinder, Measuring, Class B**

- With detachable PP base
- With protection collar
- Printed in Blue colour

Item Code	Capacity (ml)	Tolerance (± ml)	Pack of	Price /Piece
137.502.02	10	0.20	10	375
137.502.03	25	0.50	10	460
137.502.04	50	1.00	10	562
137.502.05	100	1.00	10	641
137.502.06	250	2.00	10	810
137.502.07	500	5.00	1	998
137.502.08	1000	10.0	1	1663

3.3
BORO
GLASSBLUE
PRINTINGChemical
ResistantB
CLASSPROTECTED
COLLAR

ENQUIRE



Cylinder



Mixing Cylinder with Hexagonal base, Class-A, with ISI Mark

- Complies with ISI 878, DIN EN ISO 4788 standards
- With individual work certificate
- With Penny Head & PP stopper

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance ($\pm$ ml)	Stopper Size	Pack of	Price / Piece
142.576.01	10	0.2	0.10	10/19	1	1152
142.576.02	25	0.5	0.25	14/23	1	1325
142.576.03	50	1.0	0.50	19/26	1	1507
142.576.04	100	1.0	0.50	24/29	1	1758
142.576.05	250	2.0	1.00	29/32	1	2763
142.576.06	500	5.0	2.50	34/35	1	3546
142.576.07	1000	10.0	5.00	45/40	1	4339
142.576.08	2000	20.0	10.00	45/40	1	6905

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

1x METRIC

INDIVIDUAL
CERTIFICATE



ENQUIRE

* Non DIN



Mixing Cylinder with Hexagonal base, Class-A, NABL

- Complies with DIN EN ISO 4788 standards
- With individual work certificate
- With Penny Head & PP stopper

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance ($\pm$ ml)	Stopper Size	Pack of	Price / Piece
142.508.01	10	0.2	0.10	10/19	1	2044
142.508.02	25	0.5	0.25	14/23	1	2552
142.508.03	50	1.0	0.50	19/26	1	2843
142.508.04	100	1.0	0.50	24/29	1	3078
142.508.05	250	2.0	1.00	29/32	1	4137
142.508.06	500	5.0	2.50	34/35	1	5123
142.508.07	1000	10.0	5.00	45/40	1	7554
142.508.08	2000	20.0	10.00	45/40	1	10076

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

PROTECTED
COLLAR

INDIVIDUAL
CERTIFICATE



ENQUIRE

* Non DIN

Cylinder, Mixing with Hexagonal base, Class B, with ISI Mark

- With Penny Head & PP stopper

Item Code	Capacity (ml)	Tolerance (± ml)	Sub Division (ml)	Stopper Size	Pack of	Price / Piece
142.509.01	10	0.2	0.20	10/19	1	606
142.509.02	25	0.5	0.50	14/23	1	680
142.509.03	50	1.0	1.00	19/26	1	768
142.509.04	100	1.0	1.00	24/29	1	941
142.509.05	250	2.0	2.00	29/32	1	1596
142.509.06	500	5.0	5.00	34/35	1	2216
142.509.07	1000	10.0	10.00	45/40	1	3196
142.509.08	2000	20.0	20.00	45/40	1	5526

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

PROTECTED
COLLAR



ENQUIRE

* Non DIN



Cylinder, Tapped Density Cylinder

- Complies USP 616
- Used in tapped density apparatus to measure bulk density of powders

Item Code	Capacity (ml)	Pack of	Price /Piece
139.520.01A	100 & 250	1	3521

Cylinder, Tapped Density Cylinder

Item Code	Capacity (ml)	Pack of	Price /Piece
139.521.04A	100	2	1837

Cylinder, Tapped Density Cylinder

Item Code	Capacity (ml)	Pack of	Price /Piece
139.521.05A	250	2	2118

3.3
BORO
GLASS

AMBER
PRINTING

Chemical
Resistant

HEXA
BASE



ENQUIRE



ENQUIRE



ENQUIRE



Cylinder



Nessler Cylinder, for colour comparison Class-A

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance ($\pm$ ml)	Pack of	Price /Piece
143.502.01B	50	25 & 50	0.4	10	256
143.502.02B	100	50 & 100	0.8	10	374

3.3
BORO
GLASS



ENQUIRE



Cylinder, Rain Measure, Metric Scale, Graduated, With Round Base

- Complies with IS 4849
- Manufactures with chemically resistance 3.3 borosilicate glass
- Graduation in white enamel
- The cylinders are graduated to indicate rainfall in mm when used with appropriate rain collector

Item Code	Size (mm)	Used for Collector Area (cm ²)	Graduation (mm)	Tolerance $\pm$ mm	Pack of	Price / Piece
139.500.01	20	200	0.2	0.05	5	1625
139.500.02	20	100	0.2	0.10	10	1906

3.3
BORO
GLASS



ENQUIRE

* Non DIN

Cylinder-PP, Measuring, Hexagonal

- Hexagonal base provides excellent stability to the cylinder

Item Code	Capacity (ml)	Least Count (ml)	Pack of	Price /Pack
177.303.01	10	0.2	24	1096
177.303.02	25	0.5	12	834
177.303.03	50	1	12	916
177.303.04	100	1	12	1003
177.303.05	250	2	6	1021
177.303.06	500	5	4	1038
177.303.07	1000	10	2	986



ENQUIRE

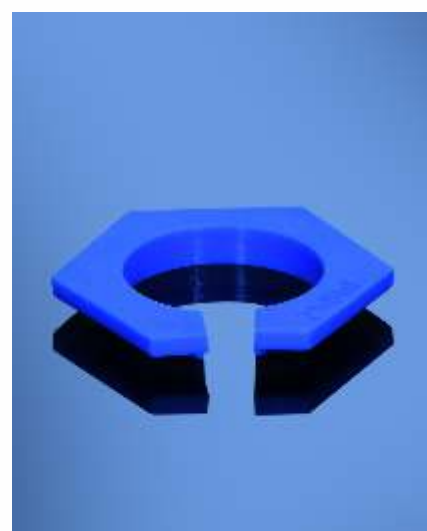


Riders/Bumpers for cylinders

Item Code	Bumper for Cylinders (ml)	Pack of	Price /Piece
136.202.01	5	100	67
136.202.02	10	100	67
136.202.03	25	100	67
136.202.04	50	100	67
136.202.05	100	100	79
136.202.06	250	50	103
136.202.07	500	50	115
136.202.08	1000	25	127
136.202.09	2000	10	139



ENQUIRE



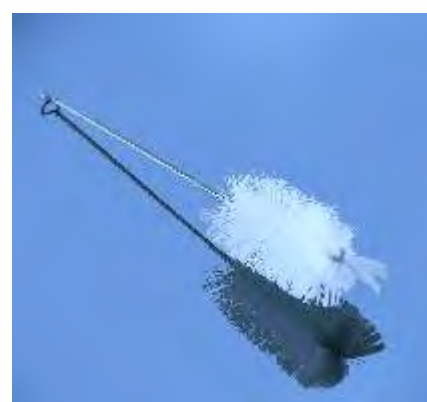
Cylinder, Brush

Item Code	Type	Material of Bristle	Pack of	Price /Pack
593.303.05	Cylinder Brush	Nylon	50	6940

Nylon



ENQUIRE





Desiccator, With Lid, Plain

- Complies with DIN 12491
- Die pressed
- Neutral Glass with Porcelain perforated plate

Item Code	I.D. (mm)	Pack of	Price /Piece
249.202.01	150	1	5062
249.202.02*	210	1	8512
249.202.03	250	1	11894
249.202.04	300	1	24002



WITH LID



DIE
PRESSED

* Non DIN



ENQUIRE



Desiccator, With Lid, Vacuum

- Complies with DIN 12491
- Die Pressed
- Neutral Glass with Porcelain Perforated Plate and Glass Sleeve

Item Code	I.D. (mm)	Pack of	Price /Piece
250.202.01	150	1	9358
250.202.02*	210	1	14364
250.202.03	250	1	23094
250.202.04	300	1	30817



WITH LID



DIE
PRESSED

* Non DIN



ENQUIRE

Manufactured from ASTM E 438 TYPE 1 Class A BORO 3.3 GLASS. These dishes are as per DIN and USP standards. The dishes are printed in durable white color and have a marking area to use with a ordinary pencil.

Dish, Crystallizing, without Spout

- Complies with DIN 12337
- Made of Heat & Chemical resistance Boro 3.3 Glass

Item Code	O.D. x Ht (mm)	Capacity (ml)	Pack of	Price /Piece
246.202.01	40x25	20	10	163
246.202.02	50x30	40	10	212
246.202.03	60x35	60	10	248
246.202.04	70x40	100	10	345
246.202.05	80x45	150	10	375
246.202.06	95x55	300	10	685
246.202.07	115x65	500	10	621
246.202.08	140x75	900	10	1192
246.202.09	190x90	2000	6	1985
246.202.11	230x100	3500	4	2533

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Dish, Crystallizing, with Spout

- Complies with DIN 12338
- Made of Heat & Chemical resistance Boro 3.3 Glass

Item Code	O.D. x Ht (mm)	Capacity (ml)	Pack of	Price /Piece
246.202.01S	40x25	20	10	212
246.202.02S	50x30	35	10	236
246.202.03S	60x35	60	10	278
246.202.04S	70x40	100	10	369
246.202.05S	80x45	150	10	393
246.202.06S	95x55	300	10	635
246.202.07S	115x65	500	10	919
246.202.08S	140x75	900	10	1131
246.202.09S	190x90	2000	6	1845
246.202.11S	230x100	3500	4	2716

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Dish



Dish, Evaporating

- Complies with DIN 12336
- Made of Heat & Chemical resistance Boro 3.3 Glass
- Flat base
- Curved sides with spout

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price /Piece
247.202.00	15	50	25	10	405
247.202.00B	45	56	30	10	544
247.202.01	90	80	45	10	591
247.202.02	170	95	55	10	659
247.202.02B	180	100	45	10	853
247.202.02C*	290	105	55	10	832
247.202.02A	320	115	65	10	810
247.202.03D	600	140	80	10	1464
247.202.03A*	1500	150	80	10	1546
247.202.04*	2500	200	100	8	2852

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

* Non DIN



Dish, Evaporating, Euro Design

- Made of Porcelain
- Temperature range upto 1000°C

Item Code	O.D. x Ht (mm)	Capacity (ml)	Pack of	Price /Pack
528.303.07	60 x 24	35	6	1056
528.303.08	75 x 30	70	6	1149
528.303.09	80 x 30	80	6	1254
528.303.10	94 x 42	120	6	1289
528.303.11	100 x 42	150	6	1394
528.303.12	115x45	250	4	986
528.303.13	145 x 48	385	4	2251
528.303.14	162 x 51	525	2	1668
528.303.15	185 x 54	765	2	3435

EU

1000°C
SSSS



ENQUIRE

Dish, Petri, Manufactured from BORO 3.3 Glass

- Withstand repeated Autoclaving

Item Code	O.D. x Ht (mm)	Pack of	Price /Piece
248.202.01	50 x 17	10	271
248.202.01A	60 x 15	10	355
248.202.02	80 x 17	10	345
248.202.02A	80 x 15	10	295
248.202.03	100 x 17	10	409
248.202.03A	100 x 20	10	415
248.202.04	150 x 20	10	995
248.202.05	200 x 20	10	2147

3.3
BORO
GLASS



ENQUIRE

**Dish, Petri, SG Line (Made from Boro 9.1 Glass)**

Item Code	O.D. x Ht (mm)	Pack of	Price /Piece
248.203.03	90 x 15	20	143
248.203.04	100 x 15	20	143

Soda
Glass



ENQUIRE

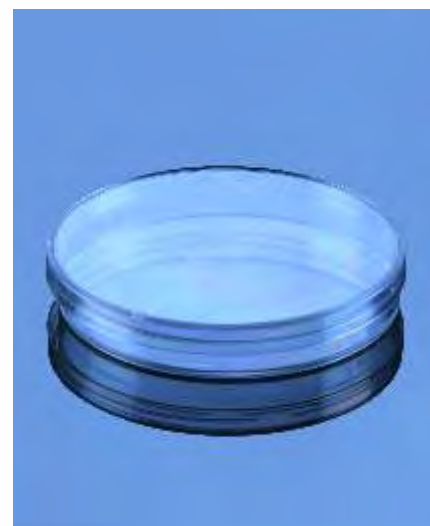
**Dish, Petri (Disposable), Sterile**

- Transparent and ready to use, disposable Petri Dishes
- Made of optically clear, non-toxic, Polystyrene

Item Code	Size (mm)	Pack of	Price /Pack
159.303.01	90	20	647



ENQUIRE





Dish, Rack For Petri Dish

- Made from Polymethyl / Methacrylate / Polycarbonate
- Clear acrylic construction with white Polycarbonate Posts
- Capacity to hold 60 petri dishes of 90 mm size
- Useful during inoculation, incubation & Storage
- Visibility from all sides enables the culture to be seen & checked during incubation

Item Code	Size (mm)	Pack of	Price /Pack
160.303.01	90	2	4566
160.303.02	60	2	4252



PMMA



ENQUIRE



Pestle & Mortar, Euro Design

- Made of Porcelain
- Temperature range upto 1000°C

Item Code	O.D. x Ht (mm)	Pack of	Price /Pack
529.303.08	65 x 47	6	1580
529.303.09	80 x 50	4	1242
529.303.10	85 x 60	4	1452
529.303.11	110 x 70	4	2018
529.303.12	125 x 75	4	2665
529.303.13	135 x 90	2	1534
529.303.15	165 x 100	1	968
529.303.16	185 x 120	1	1971
529.303.17	210 x 150	1	2059

EU



ENQUIRE

Distilling Apparatus, Ammonia, With Graham Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joints
- With Splash Head 24/29, 19/26
- With Kjeldahl flask 500ml & 800ml 24/29
- With Coil Condenser 200mm 19/26
- Ideal for determining the Nitrogen content

Item Code	Capacity (ml)	Pack of	Price /Piece
340.202.03	500	1	4836
340.202.04	800	1	4944

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Distilling Apparatus, With Graham Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joints & Stopper
- Flat bottom distillation flask 500 ml 24/29, 19/26
- With Coil condenser 200mm 19/26

Item Code	Capacity (ml)	Condenser Coil (mm)	Interchangeable Joint	Pack of	Price / Piece
341.202.03	500	200	19/26	1	4841

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Distilling Apparatus, with Friedrichs Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joint and Stopper

Item Code	Capacity (ml)	Interchangeable Joint	Pack of	Price /Piece
342.202.03	2000	24/29	1	6629

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE





Distilling Apparatus, Compact with Friedrichs Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joint

Item Code	Capacity (ml)	Interchangeable Joint	Pack of	Price /Piece
343.202.04	1000	34/35	1	6191

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



ENQUIRE



Alcohol Distillation Unit

- Ideal for Alcohol Distillation

Item Code	Capacity (ml)	Pack of	Price /Piece
347.202.01	1000	1	13859

RM Value Apparatus

- To be Used in Dairy Industries for Oil & Wax Analysis

Item Code	Capacity (ml)	Pack of	Price /Piece
348.202.01	300	1	3383

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



ENQUIRE



ENQUIRE



Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- For Oil Heavier Than Water
- Round bottom Flask 1000ml-24/29
- Liebig condenser 300mm-24/29
- Dean Stark 10 ml

Item Code	Flask Cap. (ml)	Pack of	Price /Piece
226.202.01	1000	1	11155
226.202.02	2000	1	On Request
226.202.03	5000	1	On Request
226.202.04	10000	1	On Request
226.202.05	20000	1	On Request

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



ENQUIRE

Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- For Oil Lighter Than Water
- Round bottom flask 1000ml-24/29
- Liebig condenser 300mm-24/29
- Dean Stark 10 ml

Item Code	Flask Cap. (ml)	Pack of	Price /Piece
227.202.01	1000	1	11155
227.202.03	2000	1	On Request
227.202.05	5000	1	On Request
227.202.08	10000	1	On Request
227.202.09	20000	1	On Request

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Distilling Apparatus, Dean and Stark

- Moisture Test
- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Round bottom Flask 1000ml-24/29
- Liebig condenser 200mm-19/26
- Dean Stark 10 ml

Item Code	Capacity (ml)	Pack of	Price /Piece
227.202.01A	10	1	4181

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Short Path Distillation Unit

- Boiling Flask 2 & 10 Ltr
- With Compression Cap
- Used for distillation of large volumes.
- Made from borosilicate 3.3 glass.
- White printing

Item Code	Capacity (Ltr.)	Pack of	Price /Piece
351.202.00	2	1	60674
351.202.02	10	1	66129

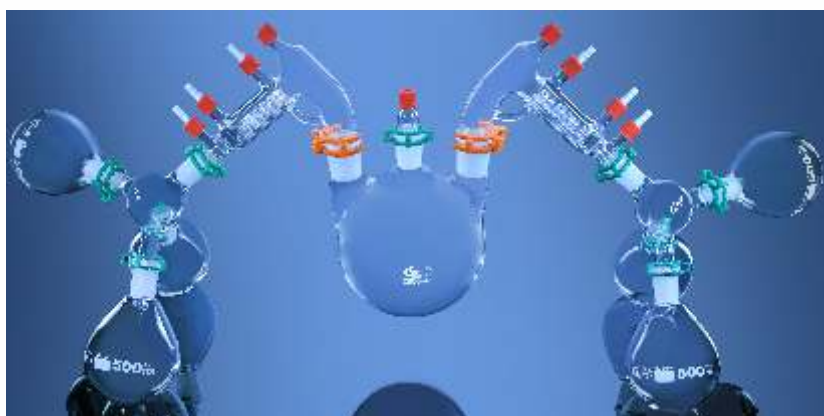
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



Buy Now!



Compatible Heating Mantle options



Analog
(1220.DNEU)

Digital
(1222.DNEU)

For more information



ENQUIRE



ENQUIRE

Sr. No.	Capacity (2 Ltr.)	Capacity (10 Ltr.)	Qty (Pcs)
1.	Round bottom flask 2000ml three neck, parallel, centre socket 24/40, side sockets 34/45	Round bottom flask 10000ml three neck, parallel, centre socket 24/40, side sockets 34/45	1
2.	Recovery flask, 500ml, socket 24/40	Recovery flask, 2000ml, socket 24/40	6
3.	Distillation still head with double surface coil condenser effective length 85mm. cone 24/40, with GL 14 cap for thermometer inlet & cone to fit flask 34/45	Distillation still head with double surface coil condenser effective length 85mm. cone 24/40, with GL 14 cap for thermometer inlet & cone to fit flask 34/45	2
4.	Adapter distilling receiver 100ml without hose connection cow type design socket 24/40 cone 24/40	Adapter distilling receiver 250ml without hose connection cow type design socket 24/40 cone 24/40	2
5.	Adapter inlet/thermometer joint 24/40 with compression cap and O'ring.	Adapter inlet/thermometer joint 24/40 with compression cap and O'ring.	1
6.	Conical joint clips keck pom 24/40 (green)	Conical joint clips keck pom 24/40 (green)	8
7.	Conical joint clips keck pom 34/45 (orange)	Conical joint clips keck pom 34/45 (orange)	2
8.	Glass caps 24/40 with flat bottom for distillation receiver	Glass caps 24/40 with flat bottom for distillation receiver	4
9.	Screw thread cap GL-14 with liner	Screw thread cap GL-14 with liner	6

Short Path Distillation Head

- Glass Connector to connect rubber tube of ID 8.0 mm
- PP Screw Cap GL-14 to connect Thermometer

Item Code	Pack of	Price /Piece
345.402.01	1	21936

3.3
BORO
GLASS



ENQUIRE



Kjeldhal Distillation Unit

- Kjeldhal Flask 500ml, Socket 24/29
- Conical Flask 250ml
- With glass connection, straight
- Adapter Multiple Socket 19/26, Cone 24/29
- Dropping Funnel with cone 19/26 & Leibig condenser 350mm
- Adapter slash head 19/26 & Receiver adapter straight steam

Item Code	Keck Joint	Pack of	Price /Piece
1194.000.05	19/26 & 24/29	1	8927

3.3
BORO
GLASS



ENQUIRE





Moisture Determination Unit

- Dean Stark Graduated 2ml, Socket 19/26, Cone 24/29
- Liebig Condenser 200mm, Cone 19/26 without socket
- Round Bottom Flask 250ml 24/29

Item Code	Keck Joint	Pack of	Price /Piece
465.000.01	19/26 & 24/29	1	6937

5.1
BORO
GLASS



ENQUIRE



Inhaler Testing Kit

- Gas Wash Bottle 500ml, Socket 29/32
- PP Screw Cap GL-28 & Keck clamp 14/23, 24/29, 29/32
- With 50ml Round Bottom Flask with cone 24/29 & socket 29/32
- Conical Flask 250ml, with socket 24/29
- Round Bottom angular Flask 100ml

Item Code	Pack of	Price /Piece
345.525.03	1	66189

5.1
BORO
GLASS



ENQUIRE

Mancozeb Assembly Set

- Round Bottom Flask 100ml 24/29
- Liebig condenser 150mm 24/29
- Dip Tube, Trap & Absorber 10/19

Item Code	Pack of	Price /Piece
228.202.01A	1	27289

3.3
BORO
GLASS



ENQUIRE



Fractional Distillation Equipment

- Round Bottom Flask 250ml, Socket 29/32
- Vigreux 320mm with NS 29/32,29/32
- Adapter, Still head plain socket 29/32, Cone 29/32,29/32
- Liebig Condenser 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Keck Joint	Pack of	Price /Piece
328.202.02	29/32	1	25764

3.3
BORO
GLASS



ENQUIRE



Hoffman Voltameter

Item Code	Pack of	Price /Piece
325.202.01	1	10886

3.3
BORO
GLASS



ENQUIRE





Simple Distillation Equipment Set

- Round Bottom Flask 250ml, NS 29/32
- Adapter, Still head plain socket 29/32, Cone 29/32, 29/32
- Liebig Condenser 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Pack of	Price /Piece
328.202.01A	1	10886

3.3
BORO
GLASS



ENQUIRE



Gas Generator, Kipp's Apparatus

- Made from corrosion resistant 3.3 Borosilicate glass
- Produce common gases
- User-friendly

Item Code	Extractor Length mm	Pack of	Price /Piece
497.202.01	500	1	13780
497.202.02	1000	1	17607

3.3
BORO
GLASS



ENQUIRE

Extractor Apparatus

- Complete with Dimroth condenser & flask
- With Screw Thread Connector

Item Code	Extractor Cap.(ml)	Extractor Socket	Extractor Cone	Flask Cap.(ml)	Condenser Type	Connector	Pack of	Price /Piece
210.202.12	100	45/40	29/32	250	Dimroth	Screw Thread	1	4180
210.202.13	150	45/40	29/32	250	Dimroth	Screw Thread	1	4651
210.202.14	250	45/40	29/32	500	Dimroth	Screw Thread	1	4971
210.202.15	500	60/46	29/32	1000	Dimroth	Screw Thread	1	10094
210.202.16	1000	71/55	29/32	2000	Dimroth	Screw Thread	1	16493
210.502.03	60	34/35	24/29	150	Allihin	Glass	1	2477
210.502.04B	100	40/38	24/29	250	Allihin	Glass	1	2921
210.502.04	100	45/40	29/32	250	Allihin	Glass	1	2305
210.502.06A	200	50/42	24/29	500	Allihin	Glass	1	4807
210.502.06	250	45/40	29/32	500	Allihin	Glass	1	4500
210.502.08	500	60/46	29/32	1000	Allihin	Glass	1	17425
210.502.09	1000	71/51	29/32	2000	Allihin	Glass	1	26024

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP



ENQUIRE

Available with

Single Soxhlet Extraction Unit

Extraction unit metal stand with heating mantle

Item Code	Capacity (ml)	Watts	Dimension (mm)	No. of Position of regulator	Price /Piece
1101.DNEU.02	100	150	280x210x520	1/1	17701
1101.DNEU.03	250	150	280x210x520	1/1	17939
1101.DNEU.04	500	200	280x210x520	1/1	18176

Single Soxhlet Extraction Unit with Stirrer

Extraction unit metal stand with heating mantle stirrer

Item Code	Capacity (ml)	Watts	No. of Position of regulator	Price /Piece
1601.DNEU.01*	100	170	1/1	23998
1601.DNEU.02*	250	170	1/1	24354
1601.DNEU.03*	500	220	1/1	26017

*Also Available with 3 Position & 6 Position Heating Mantle
Please refer to page no 335-336



ENQUIRE



ENQUIRE

Extractor

Item Code	Capacity (ml)	Socket	Cone	Pack of	Price /Piece
211.202.03*	60	34/35	24/29	1	1192
211.202.04B*	100	40/38	24/29	1	1684
211.202.04	100	45/40	29/32	1	1778
211.202.06A*	200	50/42	24/29	1	2034
211.202.06	250	45/40	29/32	1	2008
211.202.08	500	60/46	29/32	1	4500
211.202.09	1000	71/55	29/32	1	5709

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN



Extraction Apparatus



Condensers Allihin for Soxhlet Apparatus

- Manufactured from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- With glass screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Pack of	Price / Piece
191.202.01	45/40	300	100	1	1337
191.202.01A	45/40	400	250	1	1373
191.202.02	60/46	400	500	1	2353
191.202.03	71/55	400	1000	1	2788

3.3
BORO
GLASS



ENQUIRE



Simple Distillation Equipment Set

- Round Bottom Flask 250ml, NS 29/32
- Adapter, Still head plain socket 29/32, Cone 29/32, 29/32
- Liebig Condenser 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C
- With Screw Thread Connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Pack of	Price /Piece
191.181.01	45/40	300	100	1	1482
191.181.01A	45/40	400	250	1	1482
191.181.02	60/46	400	500	1	2371
191.181.03	71/55	400	1000	1	2788

3.3
BORO
GLASS



ENQUIRE

Condenser, Dimroth for Soxhlet Apparatus

- Made from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- Condenser with glass screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Pack of	Price / Piece
192.202.01	45/40	300	100	1	2050
192.202.01A	45/40	400	250	1	2050
192.202.02	60/46	400	500	1	2480
192.202.03	71/55	400	1000	1	3091

5.1
BORO
GLASS



ENQUIRE



Condenser, Dimroth for Soxhlet Apparatus

- Made from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- Condenser with plastic screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Pack of	Price / Piece
192.181.01	45/40	300	100	1	2074
192.181.01A	45/40	400	250	1	2074
192.181.02	60/46	400	500	1	2486
192.181.03	71/55	400	1000	1	3084

3.3
BORO
GLASS



ENQUIRE



Glassco Brand sintered glassware needs the filtration of liquids and gases in the laboratory. It incorporates a porous glass disc as a filter media, which is non-corrosive and reusable. It is also used for gas washing dispersion and adsorption.

The sintered disc is manufactured by crushing Borosilicate glass, powdering, cleaning, separating into various mesh sizes, and then fusing in the form of a disc. The sintered disc is graded into five grades-G1, G2, G3, G4, and G5. The grades are classified by maximum pore size, which is obtained by measuring the pressure at which the first air bubble breaks away from the filter under certain conditions. The pressure differential is then used to calculate the equivalent capillary diameters in microns. The desired pore size is obtained by suitable for controlling the grain size, firing time, temperature, and thickness. Each disc is tested and graded individually.

The pore diameters are reasonably uniform, which ensures the required flow rate through the filter.

The flow rate further depends on the pressure differential between the two sides of the disc, free area of the discs, the viscosity of the fluid being filtered, etc. between different discs

of the same size and grade, there is a fair amount of uniformity in pore size, and hence the results from two or more discs of the same size and quality will be uniform. This ensures reproducible analytical results.

The discs have a maximum surface hardness, and hence glass powder does not get scraped off during cleaning or with chemicals. Filters do not shed particles during usage.

The discs are sealed to tubing without blocking the pores. They are appropriately annealed in automatically controlled lehrs.

POROSITY GRADES AND THEIR GENERAL USE

Porosity Grades	Pore Size (Microns)	General Use
1.	90-150	Filtration of coarse materials/precipitates, gas dispersion, gas washing, extractor bed, support for other filter materials.
2.	40-90	Filtration of medium precipitates gas dispersion, gas washing.
3.	15-40	Filtration of fine grain precipitates. Analytical work with medium precipitates mercury filtration.
4.	5-15	Analytical work with fine and very fine precipitates. Non return mercy valves.
5.	1-2	Bacteriological filtration

Chemical Durability

Glassco Sintered ware is produced from the same high-quality material from which all Glassco Brand borosilicate laboratory glassware is manufactured and has excellent resistance to chemical attack.

Operating Pressure

Glass sintered ware are mainly designed to apply vacuum gas passage at relatively low pressure. In all cases, the differential pressure must not exceed 100 KN/m² (15psi).

Thermal Characteristics

The resistance to thermal shock of sintered ware is comparatively less as compared to standard Lab glassware. Therefore, articles of sintered ware should not be subjected to extreme temperature changes in direct flames.

Glassco Sintered crucibles are particularly suited for drying to constant weight. Dry sintered crucibles at room temperature can be placed directly into a drying oven at 1500 C. However, the customary practice is to dry at 1100 C. Sintered ware may safely be heated in a furnace to 5000 C without ill effect. The cycle of heating and cooling is a gradual strain caused by the excessive temperature of the apparatus.

Sintered ware of porosity grades 4 and 5 when cold and damp should never be subjected to a sudden temperature change since the evolution to steam set up sufficient pressure within the filter to crack it.

The filtration apparatus should be kept on its rim (stem upwards) in an oven or sterilizer. A perforated support base is advantageous for air convection in case pipeline filters. Care should be taken by using heat-insulating material such as asbestos to avoid premature near filter seal. Apparatus should remain in the oven of sterilizer during cooling to prevent too fast a cooling rate.

Cleaning of Sintered Ware

New sintered filters should be washed carefully with hot hydrochloric acid and then rinsed with distilled water before they are used. This treatment will ensure that all loose particles are removed from the filter.

It is recommended that all sintered filters are thoroughly cleaned "immediately" after use. This is the most favorable time for ease of cleaning and will ensure less contamination in subsequent use.

Many residues can be removed from the filter by backflushing with water; however, great care must be taken with large diameters and fine filters. Positive pressures on the reverse side may break the filter.

Under no circumstances should sintered apparatus be subjected to mains water pressure when backflushing, as, in most instances, a vacuum pump is also useful.

Filters clogged by dust and dirt dust and gas filtration can be restored by treatment with a warm detergent solution followed by blowing clean air from the filter's clean side. Dirt particles are brought to the surface by the foam and removed by rinsing with water.

Some residues may clog the filter, which may be removed by chemical cleaning as given below.

Clean the porous glass fit of the filter support by backflushing with warm water & then soaking overnight in a chromic acid cleaning solution.

Follow the soaking with another backflushing. After cleaning thoroughly, rinse the components with clean water & air dry. Do not wipe with paper or cloth, which may leave traces of fibers & lint.

All Glass Filter Holder

For 47 mm Disc Filters

Specifications:

Materials of Construction

Borosilicate glass funnel and base;
anodized aluminum spring clamp; silicone
stopper

260.202.01

Coarse-frit glass filter support

261.202.01

PTFE-faced funnel and base

262.202.01

Stainless steel screen filter support

Filter Diameter, mm

47

Filtration Area, cm²

9.6

Funnel Capacity, mL

300; accessory 500ml & 1Lt is available

Prefilter Diameter, mm

35 (thick depth prefilter) or 47 (membrane
prefilter)

Outlet Fitting

No. 8 perforated silicone stopper mounts
in standard 1 L and 4 L filtering flasks

Dimensions

Height, cm

22.9

Diameter, cm

7.6

Sterilization Method

260.202.01 and 261.202.01

30 UV sterilize or autoclave without filter
in-place

262.202.01

Autoclave with filter in-place

Applications :

Use 260.202.01 for

- Bacteriological analysis of water using 47 mm sterile membrane filters
- Analysis of suspended solids in water using 47 mm depth filters

Use 261.202.01 for

- Bacteriological analysis applications where autoclaving filter holder is needed with the membrane

Use 262.202.01 for

- Particulate contamination analysis of oils and hydraulic fluids by gravimetric or particulate counting methods
- Exfoliative cytology applications

Use 258.202.01 for

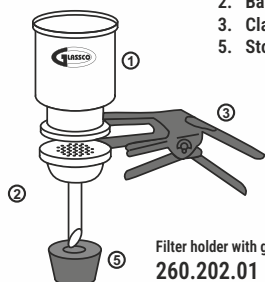
- Used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis
- Recommended for HPLC solvent filtration



Glass Filter Holders For 47 mm Disc Filters

Replacement Parts:

1. Funnel 300 ml
2. Base 47 mm Frit
3. Clamp 47 mm
5. Stopper 8 No.



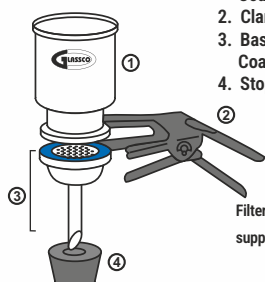
Filter holder with glass filter support,
260.202.01



ENQUIRE

Replacement Parts:

1. Funnel 300 ml Teflon Coated
2. Clamp 47 mm
3. Base 47 mm Frit 1 Coated
4. Stopper 8 No.



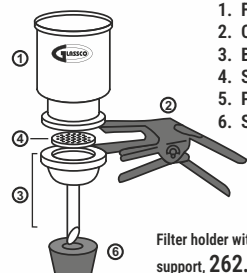
Filter holder with PTFE-faced filter support, 261.202.01



ENQUIRE

Replacement Parts:

1. Funnel 300 ml
2. Clamp 47 mm
3. Base 47 mm
4. Screen 47 mm
5. PTFE Gasket
6. Stopper No. 8



Filter holder with stainless steel screen filter support, 262.202.01



ENQUIRE

Ordering Information:

Cat No.	Description	Price /Piece
260.202.01	Glass filter holder assembly with funnel, fritted base, stopper, clamp, 47 mm	17843

Replacement Parts:

258.245.01	Glass funnel, 300 ml, borosilicate	5432
260.245.02	Base for 47 mm glass/filter holder	7058
258.245.02	Spring clamp, 47 mm, aluminum	4511
260.245.05	No. 8 perforated stopper, silicone	478

Cat No.	Description	Price /Piece
261.202.01	Glass filter holder assembly, PTFE-coated, with PTFE coated funnel and PTFE coated base, stopper no. 8 clamp 47 mm, Frit	18646

Replacement Parts: PTFE-faced Glass Filter Holder

261.245.01	Funnel, PTFE-faced, 300 ml	4940
258.245.02	Spring clamp, 47 mm, aluminum	4511
261.245.03	Glass base, PTFE-faced, 47 mm	7673
260.245.05	No. 8 perforated stopper, silicone	478

Cat No.	Description	Price /Piece
262.202.01	Glass filter holder with stainless steel screen, 47 mm	12126

Replacement Parts: Stainless Screen Glass Filter Holder

258.245.01	Glass funnel, 300 ml, borosilicate	5432
258.245.02	Spring clamp, 47 mm, aluminum	4511
262.245.03	Glass base, 47 mm	6840
262.245.04	Support screen, 47 mm, stainless steel	1216
262.245.05	Gasket, PTFE	145
260.245.05	No. 8 perforated stopper, silicone	478

Optional Accessories

074.202.04	Vacuum filtering flask, 1 Ltr	1251
074.202.05	Vacuum filtering flask, 2 Ltr	2531
260.245.08	Vacuum filtering flask, 4 Ltr	6465

VACUUM FILTERING FLASK HAS TO BE ORDER SEPARATELY



All Glass Filter Holder

For 47 mm Disc Filters

Specifications:**Materials**

258.202.01 Borosilicate glass funnel, base and tubulated cap; anodized aluminum spring clamp; fritted glass filter support

Filter Diameter, mm 47

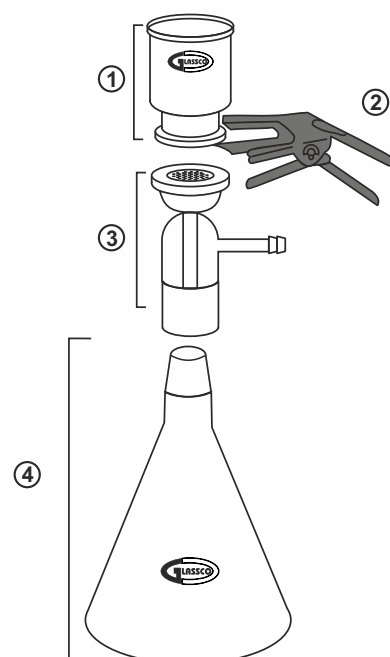
Filtration Area, cm² 9.6

Funnel Capacity, ml Funnel: 300 ml; flask: 500ml & 1Lt is available

Outlet Fitting 6 mm (1/4 in.) O.D. tubulated cap sidearm to vacuum

Replacement Parts:

- 1 Funnel 300 ml
- 2 Aluminium Clamp 47 mm
- 3 Glass Base 47 mm with Sintered Disc
- 4 Ground Joint Flask 1000 ml

**Ordering Information:**

Cat No.	Description	Price /Piece
258.202.01	All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, ground joint flask 1 Ltr.	21729

Cat No.	Description	Price /Piece
258.284.01	All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, ground joint flask 2 Ltr.	28535

Replacement Parts

Cat No.	Description	Price /Piece
258.245.01	Glass funnel, 300 ml, Borosilicate	5432
258.245.02	Spring clamp, 47 mm, aluminum	4511
258.245.03	Glass Base & Cap, 47 mm	7693
258.245.04	Flask, 1000ml for Filter Holder	6102
258.245.04A	Flask, 2000ml for Filter Holder	13593

Optional Accessories:

Cat No.	Description	Price /Piece
263.245.06	Bottles Vacuum 2L	20835
263.245.07	Bottles Vacuum 5L	41882



ENQUIRE



Glass Microanalysis Filter Holders

For 25 mm Disc Filters

Applications :

- Used to filter under vacuum/small volumes for particulate or biological contamination analysis
- Available in fritted glass or stainless steel
- Thick prefilters or laminated filters will not seal in this holder
- Use Durapore (PVDF) membrane or unlaminated PTFE for solvent applications with this apparatus.

Specifications:

Materials

259.202.01 Borosilicate glass funnel and base; fritted glass filter support; anodized aluminum spring clamp; silicone stopper

259.202.03 Borosilicate glass funnel and base; removable stainless steel screen filter support; anodized aluminum spring clamp; silicone stopper

Filter Diameter, mm 25

Filtration Area, cm² 2.5

Funnel Capacity, ml 15

Outlet Fitting No. 5 perforated silicone stopper mounts in standard 125 ml filtering flask

Dimensions

Height, cm 15.2

Diameter, cm 2.5

Ordering Information:

Cat No.	Description	Price /Piece
259.202.01	Microanalysis Filter Holder, 25 mm, fritted glass support with Flask	10338

Replacement Parts

259.245.01	Funnel, 15 ml, borosilicate glass	2522
259.245.02	Fritted Glass Base with stopper, 25 mm	5787
259.245.03	Spring Clamp, 25 mm, aluminum	3177
259.245.06	No. 5 perforated stopper, silicone	369

Cat No.	Description	Price /Piece
259.202.03	Microanalysis Filter Holder, 25 mm, stainless steel support with Flask	9486

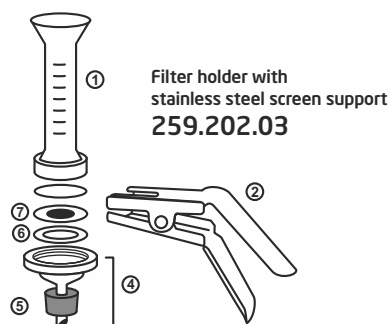
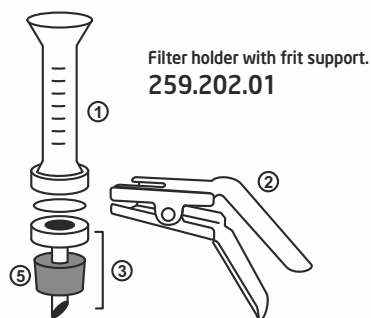
Replacement Parts

259.245.01	Funnel, 15 ml, borosilicate glass	2522
259.245.03	Spring Clamp, 25 mm, aluminum	3177
259.245.05	Base stopper & stainless steel screen	3224
259.245.06	No. 5 perforated stopper, silicone	369
259.245.07	Gaskets, Teflon	145
259.245.08	Support Screen, 25 mm, stainless steel	1077

Optional Accessories

259.245.04	Vacuum filtering flask, 125 ml	4157
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VACUUM FILTERING FLASK HAS TO BE ORDER SEPARATELY



ENQUIRE



ENQUIRE

All Glass Filter Holder

For 90 mm Disc Filters

Applications :

- Used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis
- Recommended for HPLC solvent filtration.

Specifications:

Materials	Borosilicate glass funnel, base and tubulated cap; PTFE-coated stainless steel screen; anodized aluminum spring clamp
Filter Diameter, mm	90
Funnel Capacity, L	1
Outlet Fitting	6 mm (1/4 in.) O.D. tubulated cap sidearm to vacuum

Item Code	Description	Price /Piece
258.503.04	All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, Glass Bottle 1 Ltr.	20138

Item Code	Description	Price /Piece
258.503.05	All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, Glass Bottle 2 Ltr.	20765

Item Code	Description	Price /Piece
258.505.00	Adaptor PP GL45 and vacuum connection for Glass Bottle 1000ml & 2000ml	3280

Ordering Information:

Cat. No.	Description	Price /Piece
263.202.01	Glass Filter Holder with stainless steel screen, 90 mm	38399

Replacement Parts

Cat. No.	Description	Price /Piece
263.245.01	Funnel, 1L, 90 mm, ground glass seal	17193
263.245.02	Vacuum Base and Cap, 90 mm	14207
263.245.03	Stainless Steel Screen, PTFE coated, 90 mm	7663
263.245.04	Gasket, PTFE 90 mm	236
263.245.05	Spring Clamp, 90 mm anodized aluminum	6215

Optional Accessories

Cat. No.	Description	Price /Piece
258.245.04	Ground Joint Flask, 1 L	6102
263.245.06	Bottle Vacuum 2 L	20835
263.245.07	Bottle Vacuum 5 L	41882
258.245.09	Ground Joint Flask 5 L	11308



ENQUIRE



Vacuum Pump

- Valves made of SS 316 material Built-in micro suction filter
- All parts made from special graded Aluminum die cast material for light weight and good strength
- Totally oil-free construction
- No lubricant required
- Diaphragms are made of special 2-ply nylon reinforced neoprene rubber.
- Noiseless performance
- Extra large bearings for trouble-free and smooth running.
- Absolutely portable
- Practically maintenance –free

Item Code	Volt	Hz	Price /Piece
970.DNEU.01	230	50	33271



ENQUIRE

Technical Specification :

Material	Aluminum Die Cast
Vacuum	22" Hg
Flow	15 (Ltrs/Min)
Pressure	25 Psig
Connection	10 mm Hose
Weight	2.5 Kg
Motor	1/20 hp
Dimension	150x110x140

Vacuum Filtration Manifold

Vacuum Filtration Manifold is an integrated filtration system with a prime to filter multiple samples off one vacuum source. It is without filter holders. It is entirely supported on stainless steel manifold with rugged side supports which keeps the system rigid and firm even while fully loaded. The holder equipped with a funnel SS lid can be vented using an accessory filter unit. It can be autoclaved or flame-sterilised.

Vacuum Filter Holders and Filtration Accessories for use in :

- Used for filtration of chromatography mobile phases and particulate contamination analysis.
- For vacuum filtration of aqueous, organic or corrosive liquids.
- Useful for Bacteriological or Particulate Contamination Analysis

Item Code	Volt	Hz	Price /Piece
252.202.01	230	50	63867

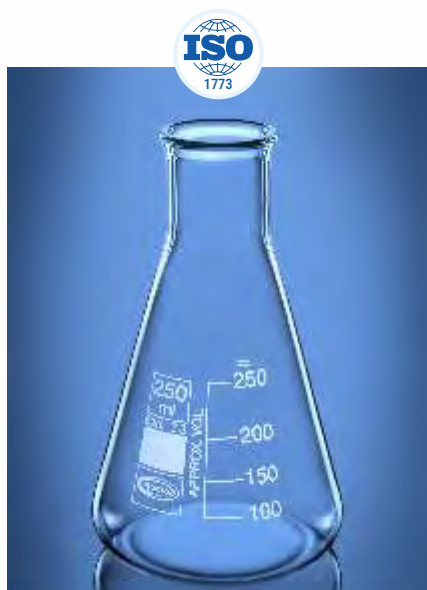


ENQUIRE

Technical Specification :

Material	Stainless Steel SS316
Valve Type	PTFE
Line Type	2 Way
Out Let	8x13 Hose
Available Range	3 Branch
Polish	Mirror
Connector	1/2" Hose (12mm)
Filter Type	47mm
Autoclave	121°C (15 Min)
Seal	Silicone
Cork Size	Cork No. 8
Capacity	300 ml
Effective Filtration Area	13.5 Cm ²

Also Available in : **6 Station Vacuum
Filtration Manifold**



Flask, Conical (Erlenmeyer), Graduated, Clear with Narrow Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard & ISI Mark 1381 PART1:2003
- Has a reinforced thick rim to reduce chipping & breakage
- All the flasks are printed in durable white enamel

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price / Piece
231.502.01	25	42	22	75	10	128
231.502.02	50	51	22	90	10	128
231.502.03	100	64	22	105	10	133
231.202.03A*	150	74	28	118	10	158
231.502.04	250	85	34	145	10	197
231.502.05	500	105	34	180	10	281
231.502.06	1000	131	42	200	10	478
231.502.07	2000	166	50	280	6	842
231.502.08	3000	187	50	310	1	2403
231.502.09	5000	220	50	365	1	3718

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Conical (Erlenmeyer), Graduated, Amber with Narrow Mouth With ISI Mark

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard & ISI Mark 1381 PART1:2003
- Has a reinforced thick rim to reduce chipping & breakage
- All the flasks are printed in durable white enamel
- Protects light-sensitive chemicals from UV and visible light

Item Code	Capacity (ml)	Dia (mm)	Dia1 (mm)	Height (mm)	Pack of	Price / Piece
231.519.03	100	64	22	105	10	310
231.519.03A*	150	74	28	118	10	364
231.519.04	250	85	34	145	10	488
231.519.05	500	105	34	180	10	778
231.519.06	1000	131	42	220	10	1315

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN



Flask, Conical (Erlenmeyer), Graduated with Narrow Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Has thick walls and reinforced thick beaded rim
- The flasks are produced to meet ASTM E-1404 TYPE-1 specifications
- All the flasks are printed in durable white enamel

Item Code	Capacity (ml)	Sub Division (ml)	Graduation Range	Stopper Size	Pack of	Price / Piece
231.402.01	25	5	10-25	0	12	118
231.402.02	50	10	20-50	1	12	118
231.402.03A	125	25	50-125	5	12	143
231.402.04	250	25	50-225	6	12	182
231.402.04A	300	25	100-300	6	12	218
231.402.05	500	50	100-500	7	6	261
231.402.06	1000	50	250-1000	9	6	443
231.402.07	2000	100	600-2000	10	4	778
231.402.08A	4000	250	1000-400	10	1	2286
231.402.09	6000	500	1500-6000	10	1	3629

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Flask, Conical (Erlenmeyer), Heavy Duty with Narrow Mouth With ISI Mark

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard & ISI Mark 1381 PART1:2003
- All the flasks are printed in durable white enamel
- Has a reinforced thick rim to reduce chipping & breakage

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price / Piece
231.537.01	25	42	22	75	10	194
231.537.02	50	51	22	90	10	206
231.537.03	100	64	22	105	10	248
231.237.03A*	150	74	28	118	10	266
231.537.05	250	85	34	145	10	351
231.537.07	500	105	34	180	10	532
231.537.08	1000	131	42	220	10	1064
231.537.09	2000	166	50	280	6	1536
231.537.10	3000	187	50	310	1	2226
231.537.12	5000	220	50	365	1	3443

3.3
BORO
GLASS

WHITE
PRINTING

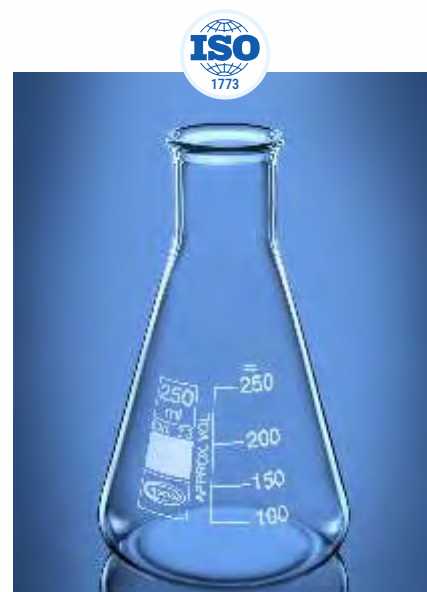
Chemical
Resistant

HEAVY
WALL



ENQUIRE

* Non DIN



Flask, Conical (Erlenmeyer) Wide Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 24450 standard
- All the flasks are printed in durable white enamel
- Has a reinforced thick rim to reduce chipping & breakage

Item Code	Capacity (ml)	Dia (mm)	Dia1 (mm)	Height (mm)	Pack of	Price / Piece
232.202.01*	25	42	31	70	10	133
232.202.02	50	51	34	85	10	139
232.202.03	100	64	34	105	10	153
232.202.05	250	85	50	140	10	212
232.202.07	500	105	50	175	10	325
232.202.08	1000	131	50	220	10	576
232.202.09*	2000	166	72	276	6	974

3.3
BORO
GLASS

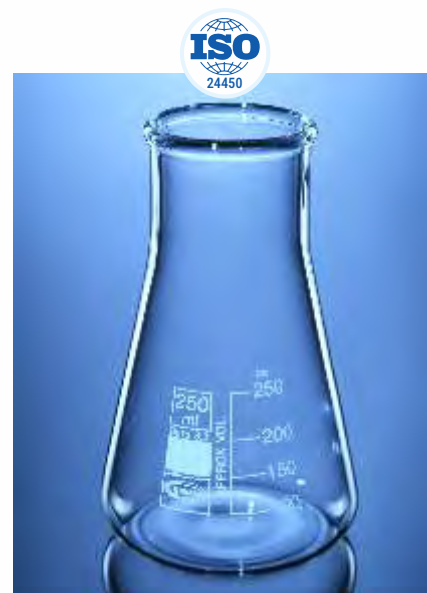
WHITE
PRINTING

Chemical
Resistant

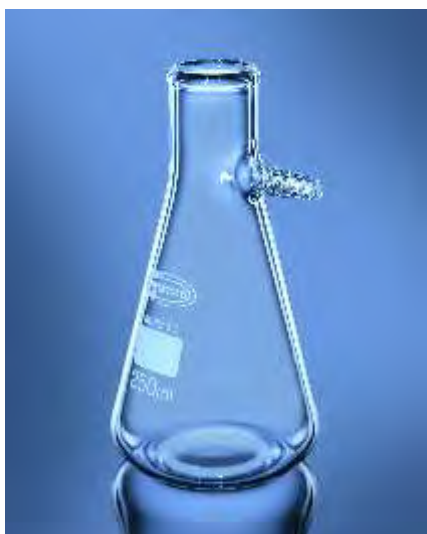


ENQUIRE

* Non DIN



Flask



Flask, Filter

- With Glass Connector
- Made from heavy wall which can withstand high vacuum
- Printed in durable white colour enamel without Graduation

Item Code	Capacity (ml)	Pack of	Price /Piece
074.202.00	50	2	315
074.202.01	100	2	468
074.202.02	250	2	685
074.202.03	500	2	822
074.202.04	1000	2	1251
074.202.05	2000	1	2531
074.202.08	5000	1	9032

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

HEAVY
WALL



ENQUIRE

* Non DIN



Flask, Buchner, plain side arm and ground socket

- Complies with DIN ISO 3585 standard
- With precision-ground quick fit socket
- With traditional plain glass side-arm to accept 9mm bore vacuum tubing
- Heavy wall and base construction for vacuum work

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
074.205.01B	100	19/26	107	70	2	538
074.205.01C	100	24/29	107	70	2	538
074.205.02	250	24/29	158	85	2	756
074.205.02A	250	29/32	158	85	2	756
074.205.03	500	24/29	188	105	2	865
074.205.03A	500	29/32	188	105	2	865
074.205.04	1000	24/29	238	138	2	2534
074.205.04A	1000	29/32	238	138	2	2534
074.205.05	2000	29/32	288	165	2	2878

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

HEAVY
WALL



ENQUIRE

*Without Stopper

Flask, Conical with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 4797 standard
- Ideal for mixing liquids
- All the flasks are printed in durable white enamel

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
071.202.06	25	14/23	70	42	10	246
071.202.07	25	19/26	70	42	10	284
071.202.08	50	14/23	85	51	10	260
071.202.09	50	19/26	85	51	10	256
071.202.10*	50	24/29	85	51	10	260
071.202.10A*	50	29/32	85	51	10	321
071.202.11	100	14/23	100	64	10	296
071.202.12	100	19/26	100	64	10	296
071.202.13	100	24/29	100	64	10	310
071.202.14	100	29/32	100	64	10	375
071.202.15*	150	19/26	118	72	10	333
071.202.16*	150	24/29	118	72	10	333
071.202.17*	150	29/32	118	72	10	333
071.202.17A*	200	29/32	131	79	10	333
071.202.18	250	19/26	140	85	10	333
071.202.19	250	24/29	140	85	10	325
071.202.20	250	29/32	140	85	10	411
071.202.21A*	300	29/32	156	87	10	411
071.202.22	500	19/26	175	105	10	472
071.202.22A	500	24/29	175	105	10	468
071.202.23	500	29/32	175	105	10	472
071.202.25	1000	24/29	220	131	10	877
071.202.26	1000	29/32	220	131	10	877
071.202.27	1000	34/35	220	131	10	943
071.202.28	2000	29/32	270	166	6	1276
071.202.29	2000	34/35	270	166	6	1276
071.202.30	3000	45/40	310	187	1	3121
071.202.31	5000	45/40	365	220	1	3121

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

* Non DIN

Flask, Conical (Erlenmeyer) with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies ASTM E1404 standard
- The Flasks are printed in durable white colour enamel

Item Code	Capacity (ml)	Joint Size	Pack of	Price /Piece
071.470.04*	10	14/20	2	266
071.470.06*	25	14/20	2	266
071.470.09*	50	14/20	2	284
071.202.50	50	19/38	2	284
071.470.10A*	50	24/40	2	296
071.470.51A*	125	19/22	2	321
071.202.51	125	24/40	2	321
071.202.52	250	24/40	2	345
071.202.52A*	300	24/40	2	381
071.202.53	500	24/40	2	490
071.202.54	1000	24/40	1	937
071.202.55	2000	24/40	1	1337

3.3
BORO
GLASS

WHITE
PRINTING

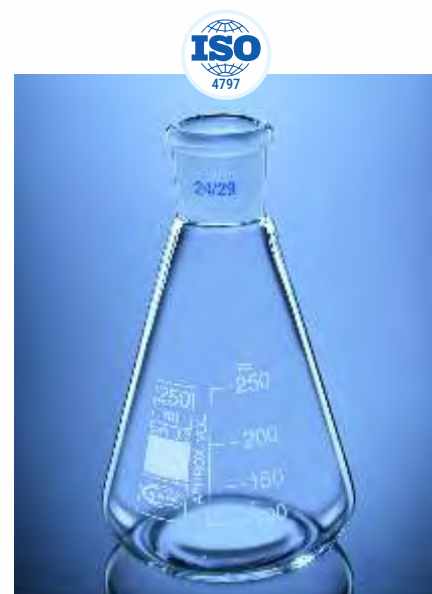
Chemical
Resistant

HEAVY
WALL



ENQUIRE

* Non DIN





Flask, Iodine

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- for Iodine determination with ground joint and stopper

Item Code	Capacity (ml)	Joint Size	Pack of	Price /Piece
072.202.01	250	24/29	2	448
072.202.02	250	29/32	2	477
072.202.03	500	24/29	2	561
072.202.04	500	29/32	2	556

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Conical (Erlenmeyer)

- Made from DIN ISO 3585, heat resistant Boro 3.3 glass
- Complies with ISO 4797 standard
- With ground joint and Penny Head glass stopper

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
076.276.01	25	14/23	70	42	2	291
076.276.02	50	19/26	85	51	2	355
076.276.03	100	24/29	100	64	2	428
076.276.03A	100	29/32	100	64	2	423
076.276.04B	250	29/32	140	85	2	419
076.276.05	500	24/29	175	105	2	680
076.276.05B	500	29/32	175	105	2	659
076.276.06	1000	29/32	220	131	2	995
076.276.07	2000	29/32	270	166	1	1290

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

GLASS



ENQUIRE

Flask, Conical (Erlenmeyer) with Screw Cap

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With autoclavable PP screw cap and PTFE Liner

Item Code	Capacity (ml)	Thread Size	Dia (mm)	Pack of	Price /Piece
075.202.01	50	GL 25	51	2	369
075.202.02	100	GL 25	64	2	379
075.202.03	150	GL 25	72	2	428
075.207.04	250	GL 45	85	2	493
075.207.05	500	GL 45	105	2	640
075.207.06	1000	GL 45	131	2	1182
075.207.07	2000	GL 45	166	2	1679
075.207.10	5000	GL 45	220	2	7905

3.3
BORO
GLASS



WHITE
PRINTING



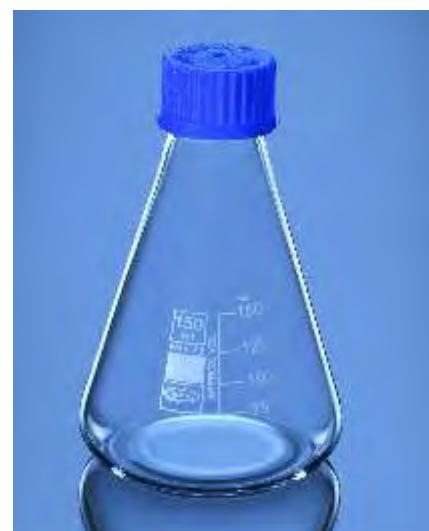
Chemical
Resistant



SCREW
THREAD



ENQUIRE



Flask, Conical (Erlenmeyer), Amber with narrow mouth

- Complies with ISO 4797
- Made from heat resistant Boro 3.3 glass
- With Interchangeable Stopper
- Suitable for mixing of liquids
- Amber coated external surface to prevent contamination with testing material, and protect light-sensitive chemicals from UV and visible light
- with a glass stopper

Item Code	Capacity (ml)	Interchangeable Joint	Pack of	Price /Piece
076.502.00	25	14/23	2	586
076.502.01	50	19/26	2	616
076.502.02	100	24/29	2	754
076.502.03	250	24/29	2	931
076.502.04	500	24/29	2	1527

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



ENQUIRE





Flask, Culture, Baffled, Heavy Wall, with Membrane Cap

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Ideal for preparing cell cultures
- The four equidistant baffles provide consistent agitation when used with compatible orbital shakers
- Suitable for repetitive autoclaving cycles at 121°C

Item Code	Capacity (ml)	Bulb Dia (mm)	Height (mm)	Thread GL Size (mm)	Pack of	Price /Piece
075.212.04	250	85	150	45	2	2768
075.212.05	500	105	185	45	2	3374
075.212.06	1000	131	225	45	2	4748
075.212.07	2000	160	290	45	1	5836

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
THREAD

121°C
SSSS



ENQUIRE



Flask, Conical

- Made of Polypropylene
- Are Rigid, Translucent & Autoclavable
- Screw cap keeps the contents of flask contamination Free and leakproof

Item Code	Capacity (ml)	Pack of	Price /Pack
111.303.01	100	12	1102
111.303.02	250	12	1330
111.303.03	500	12	2181

SCREW
THREAD

5
PP

121°C
SSSS

LEAKPROOF



ENQUIRE

Threads should be disengaged before autoclaving

Flask, Culture, Haffkine

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used for Preparation of Culture in Nutrient Media
- Suitable for use in Polenske Apparatus
- Complies with IS 7183 Standard

Item Code	Capacity (ml)	Approx O.D. x Height	Pack of	Price /Piece
235.207.07	3000*	245x280	1	4413
235.207.08	4000	246x310	1	4866

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

* 3000 ml not covered in standards



ENQUIRE



Flask, Distillation

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM E-133, ASTM D-86, D-233, D-801, D 802 & E 1405 standards

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Side Dia (mm)	Arm Length	Pack of	Price / Piece
073.202.03*	100	65	215	7	100	2	414
073.205.01	125	68	215	7	100	2	409
073.202.04	250	85	226	9	130	2	680
073.202.05*	500	105	240	9	130	2	803

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

* Non ASTM



ENQUIRE





Flask, Distillation

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM D-86 standards
- With 19/26 Joint

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Side Dia (mm)	Arm Length	Pack of	Price / Piece
073.206.01	125	68	215	8	100	2	645

3.3
BORO
GLASS



ENQUIRE



Flask, Evaporating

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used in Rotary Evaporator

Item Code	Capacity (ml)	Socket Size	Height (mm)	Pack of	Price / Piece
069.502.01	50	29/32	95	2	1448
069.502.02	100	24/29	110	2	2177
069.502.03	100	29/32	110	2	2325
069.502.04	250	24/29	135	2	3275
069.502.05	250	29/32	135	2	3452
069.502.06	500	24/29	160	2	3743
069.502.07	500	29/32	160	2	3886
069.502.08	1000	24/29	190	2	6619
069.502.09	1000	29/32	190	2	6772
069.502.10	2000	29/32	235	1	8747

3.3
BORO
GLASS



ENQUIRE

Flask, Flat Bottom With Narrow Neck With ISI Mark

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With beaded rim
- Complies with DIN/ISO 1773 & ISI Mark 1381 PART1:2003

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
235.502.01	50	51	26	90	10	153
235.502.02	100	64	26	106	10	163
235.204.02*	150	74	28	115	10	187
235.502.03	250	85	34	138	10	197
235.204.03*	300	93	34	143	10	291
235.502.04	500	105	34	163	10	325
235.502.05	1000	131	42	190	10	512
235.502.06	2000	166	50	230	6	970
235.502.07*	3000	185	50	250	1	2743
235.502.08*	5000	233	50	290	1	4029
235.502.09	10000	280	65	360	1	9397
235.502.10*	20000	350	75	495	1	15647

3.3
BORO
GLASS

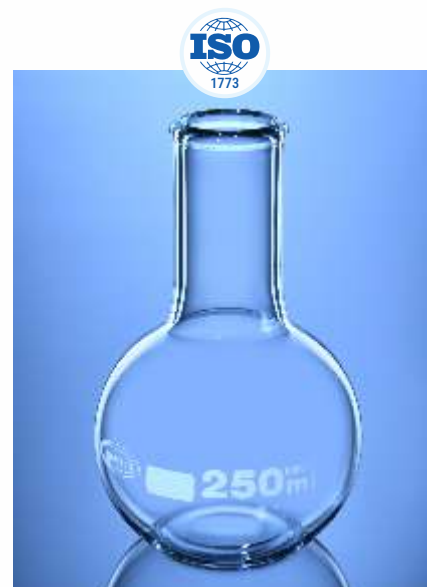
WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN & Non ISI



Flask, Flat Bottom with Wide Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With beaded rim
- Complies with DIN/ISO 24450

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
236.202.01	50	51	34	90	10	163
236.202.02	100	64	34	105	10	181
236.202.03	250	85	50	138	10	200
236.202.04	500	105	50	163	10	339
236.202.05	1000	131	50	190	10	466
236.202.06	2000	166	76	230	6	962

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask



Flask, Boiling, Flat Bottom, with Joint

• Complies with DIN / ISO 4797 and USP standard

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
058.202.00*	50	14/23	85	51	10	272
058.202.01	50	19/26	85	51	10	272
058.202.02*	50	24/29	85	51	10	272
058.202.02A	50	29/32	85	51	10	272
058.202.03B*	100	14/23	103	64	10	272
058.202.03	100	19/26	103	64	10	272
058.202.04*	100	24/29	103	64	10	272
058.202.05	100	29/32	103	64	10	272
058.202.07*	150	19/26	115	74	10	327
058.202.08*	150	24/29	115	74	10	310
058.202.09*	150	29/32	115	74	10	327
058.202.11A*	250	14/23	130	85	10	327
058.202.11	250	19/26	130	85	10	327
058.202.12	250	24/29	130	85	10	330
058.202.13	250	29/32	130	85	10	327
058.202.14*	250	34/35	130	85	10	327
058.202.15*	500	19/26	160	105	10	502
058.202.16*	500	24/29	160	105	10	493
058.202.17	500	29/32	160	105	10	502
058.202.18*	500	34/35	160	105	10	502
058.202.19A*	1000	19/26	187	131	10	502
058.202.19*	1000	24/29	187	131	10	671
058.202.20	1000	29/32	187	131	10	671
058.202.21*	1000	34/35	187	131	10	625
058.202.22*	2000	24/29	230	166	6	1210
058.202.23	2000	29/32	230	166	6	1210
058.202.24*	2000	34/35	230	166	6	1118
058.202.25*	3000	29/32	250	185	1	3272
058.202.25A*	3000	34/35	250	185	1	3049
058.202.25B*	3000	45/40	250	185	1	3417
058.202.26B*	5000	29/32	290	223	1	5207
058.202.26A*	5000	34/35	290	223	1	4950
058.202.26*	5000	45/40	290	223	1	5582

3.3
BORO
GLASS



ENQUIRE



Flask, Boiling, Flat Bottom with Joint

- These Flasks comes with Ground Joint manufactured as per ASTM E-1403 type 1 specifications.
- The Flasks are printed in durable white colour enamel

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
058.202.56	50	24/40	95	51	2	284
058.202.58	100	24/40	110	64	2	284
058.202.58A	125	24/40	110	69	2	290
058.202.58C	200	24/40	123	75	2	357
058.202.59	250	24/40	130	85	2	357
058.202.59A	300	24/40	140	88	2	357
058.202.60	500	24/40	160	105	2	514
058.470.23	1000	24/40	178	131	1	683
058.202.61	1000	24/40	205	131	1	683
058.202.62	2000	24/40	178	166	1	1282
058.202.65	5000	24/40	290	223	1	5583

3.3
BORO
GLASS



ENQUIRE

Flask, Boiling, Round Bottom with Narrow Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard & ISI Mark 1381 PART1:2003
- With beaded rim

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price /Piece
233.502.01	50	51	26	95	10	148
233.502.02	100	64	26	110	10	163
233.203.02*	150	74	28	118	10	187
233.502.03	250	85	34	143	10	187
233.502.04	500	105	34	168	10	325
233.502.05	1000	131	42	200	10	443
233.502.06	2000	166	50	240	6	980
233.202.07*	3000	185	50	260	1	2689
233.202.08*	5000	223	50	305	1	3984
233.502.09	10000	279	65	380	1	7703
233.202.10*	20000	350	75	510	1	15583

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN



Flask, Boiling, Round Bottom with Wide Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 24450 standard
- With beaded rim

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of	Price / Piece
234.202.01	50	51	34	95	10	138
234.202.02	100	64	34	110	10	153
234.202.03	250	85	50	143	10	172
234.202.04	500	105	50	168	10	300
234.202.05	1000	131	50	200	10	409
234.202.07	2000	166	76	240	6	906

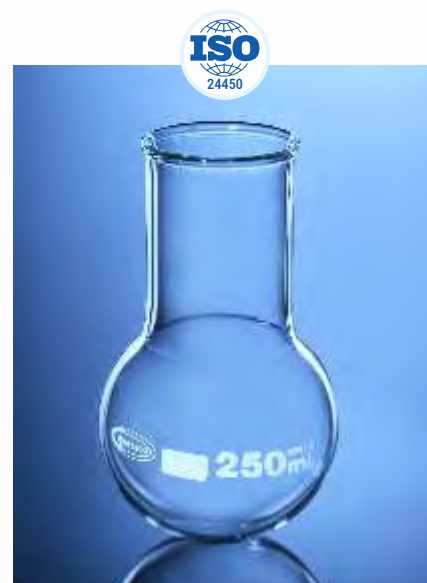
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE





Flask, Boiling, Round Bottom, Single Neck with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with DIN / ISO 4797 & USP standards

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of	Price / Piece
057.202.05	25	14/23	85	41	10	256
057.202.06*	25	19/26	85	41	10	266
057.202.07*	25	24/29	85	41	10	272
057.202.08	50	14/23	90	51	10	266
057.202.09	50	19/26	90	51	10	266
057.202.10	50	24/29	90	51	10	266
057.202.10A	50	29/32	90	51	10	266
057.202.11	100	14/23	105	64	10	266
057.202.12	100	19/26	105	64	10	266
057.202.13	100	24/29	105	64	10	266
057.202.14	100	29/32	105	64	10	266
057.202.16*	150	19/26	137	75	10	351
057.202.17*	150	24/29	137	75	10	351
057.202.18*	150	29/32	137	75	10	351
057.202.20*	250	14/23	140	85	10	335
057.202.21	250	19/26	140	85	10	335
057.202.22	250	24/29	140	85	10	335
057.202.23	250	29/32	140	85	10	335
057.202.24*	250	34/35	140	85	10	335
057.202.25*	500	19/26	163	105	10	478
057.202.26	500	24/29	163	105	10	527
057.202.27	500	29/32	163	105	10	502
057.202.28*	500	34/35	163	105	10	502
057.202.29*	1000	19/26	200	131	10	655
057.202.30	1000	24/29	200	131	10	655
057.202.31	1000	29/32	200	131	10	655
057.202.32*	1000	34/35	200	131	10	655
057.202.33	2000	24/29	240	165	6	1261
057.202.34	2000	29/32	240	165	6	1261
057.202.35*	2000	34/35	240	165	6	1261
057.202.36A*	3000	24/29	260	185	1	3374
057.202.36B	3000	34/35	260	185	1	3374
057.202.36*	3000	29/32	260	185	1	3374
057.202.37*	3000	45/40	260	185	1	3374
057.202.40A*	5000	24/29	305	223	1	5161
057.202.40*	5000	29/32	305	223	1	5161
057.202.40B*	5000	34/35	305	223	1	5161
057.202.41*	5000	45/40	305	223	1	5161
057.202.44*	10000	29/32	380	279	1	11382
057.202.45A*	10000	34/35	380	279	1	10416
057.202.45	10000	45/40	380	279	1	10416
057.202.45B*	10000	55/44	380	279	1	10416
057.202.47B*	20000	55/44	435	345	1	18026

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN

Flask, Round Bottom, Single Neck with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With Ground Joint manufactured as per ASTM E-1403 type 1 specifications
- The Flasks are printed in durable white colour enamel

Item Code	Capacity (ml)	Socket Size (mm)	Height (mm)	Dia (mm)	Pack of	Price / Piece
057.202.57	50	24/40	100	51	2	266
057.202.58	100	24/40	118	64	2	284
057.202.58A	200	24/40	128	75	2	351
057.202.59	250	24/40	140	85	2	351
057.202.59A	300	24/40	148	88	2	369
057.202.60	500	24/40	158	105	2	496
057.202.61	1000	24/40	185	130	1	665
057.202.62	2000	24/40	215	165	1	1270
057.470.55B	25	24/40	90	41	2	266
057.470.09	50	19/22	80	51	2	266
057.470.11	100	14/20	100	64	2	272
057.470.12	100	19/22	100	64	2	272
057.470.20	250	14/20	120	85	2	351
057.470.21	250	19/22	120	85	2	351
057.470.25	10	14/20	59	31	2	496
057.470.25A	500	19/22	140	105	2	496
057.470.53	10	14/20	59	31	2	266
057.470.53A	10	19/22	59	31	2	266
057.470.55	25	14/20	75	41	2	266
057.470.55A	25	19/22	75	41	2	266
057.470.52	5	14/20	46	25	2	266

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Round Bottom with 2 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12394 & USP standards

Item Code	Capacity (ml)	Socket Size (mm)	Side Socket	Height (mm)	Pack of	Price / Piece
059.202.01*	50	24/29	14/23	92	1	375
059.202.02*	50	29/32	14/23	92	1	375
059.202.03*	100	24/29	14/23	107	1	389
059.202.04*	100	24/29	19/26	107	1	389
059.202.05*	100	29/32	14/23	107	1	405
059.202.06*	250	24/29	14/23	142	1	517
059.202.07*	250	24/29	19/26	142	1	517
059.202.08	250	29/32	14/23	142	1	538
059.202.09*	500	24/29	14/23	165	1	744
059.202.10*	500	24/29	19/26	165	1	744
059.202.11	500	29/32	14/23	165	1	774
059.202.12*	1000	24/29	14/23	203	1	926
059.202.13*	1000	24/29	19/26	203	1	926
059.202.14	1000	29/32	14/23	203	1	962
059.202.15A*	2000	24/29	19/26	243	1	1640
059.202.15*	2000	34/35	19/26	243	1	1714
059.202.20*	3000	34/35	19/26	260	1	4231
059.202.20A*	3000	34/35	24/29	260	1	4231
059.202.24*	5000	34/35	19/26	305	1	6201
059.202.24A*	5000	34/35	24/29	305	1	6201
059.202.28*	10000	34/35	24/29	380	1	11160
059.202.29*	10000	55/44	24/29	380	1	11160
059.202.30*	20000	55/44	24/29	435	1	18567

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

2 NECK
ANGULAR



ENQUIRE



*Non DIN | These flasks can also be provided in other joint sizes



Flask, Round Bottom with 2 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Round bottom flask with ASTM joint sizes

Item Code	Capacity (ml)	Socket Size (mm)	Side Socket	Pack of	Price /Piece
059.470.00	50	14/20	14/20	1	381
059.470.00A	25	14/20	14/20	1	381
059.470.03	100	14/20	14/20	1	399
059.470.05A	100	24/40	24/40	1	399
059.470.08	250	24/40	24/40	1	514
059.470.10	500	24/40	24/40	1	732
059.470.15	1000	24/40	24/40	1	919

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

2 NECK
ANGULAR



ENQUIRE



Flask, Round Bottom with 2 Parallel Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12392 & ISO 4797 standard

Item Code	Capacity (ml)	Socket Size (mm)	Side Socket	Height (mm)	Pack of	Price / Piece
059.212.00	50	24/29	14/23	90	1	399
059.212.00A	50	29/32	14/23	90	1	399
059.212.01*	100	24/29	14/23	105	1	389
059.212.01A*	100	24/29	19/26	105	1	389
059.212.01B*	100	29/32	14/23	105	1	399
059.212.02*	250	24/29	14/23	140	1	517
059.212.02A*	250	24/29	19/26	140	1	517
059.212.02B	250	29/32	14/23	140	1	532
059.212.03*	500	24/29	14/23	163	1	744
059.212.03A*	500	24/29	19/26	163	1	744
059.212.03B	500	29/32	14/23	163	1	774
059.212.04*	1000	24/29	14/23	200	1	877
059.212.04A*	1000	24/29	19/26	200	1	926
059.212.04B	1000	29/32	14/23	200	1	962
059.212.05*	2000	24/29	19/26	240	1	1640
059.212.05A*	2000	34/35	19/26	240	1	1640
059.212.06*	3000	34/35	19/26	260	1	4231
059.212.06A*	3000	34/35	24/29	260	1	4231
059.212.07*	5000	34/35	19/26	305	1	6201
059.212.07A*	5000	34/35	24/29	305	1	6201
059.212.08*	10000	34/35	24/29	380	1	11160
059.212.08A*	10000	55/44	24/29	380	1	11160
059.212.09*	20000	55/44	24/29	435	1	18572

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

2 NECK
ANGULAR



ENQUIRE

*Non DIN

Flask, Round Bottom with 3 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with DIN 12394 standard

Item Code	Capacity (ml)	Centre Socket Size	Side Socket Size	Height (mm)	Pack of	Price / Piece
060.202.01*	100	19/26	14/23	105	1	542
060.202.02*	100	24/29	14/23	105	1	542
060.202.03*	100	24/29	19/26	105	1	542
060.202.02A*	100	14/23	14/23	105	1	542
060.202.03A*	100	29/32	14/23	105	1	562
060.202.04*	250	19/26	19/26	140	1	685
060.202.04A*	250	19/26	14/23	140	1	685
060.202.05*	250	24/29	14/23	140	1	685
060.202.06*	250	24/29	19/26	140	1	685
060.202.07	250	29/32	14/23	140	1	720
060.202.08	250	29/32	19/26	140	1	720
060.202.08A*	250	29/32	29/32	140	1	720
060.202.09*	500	24/29	14/23	163	1	1069
060.202.10*	500	24/29	19/26	163	1	1069
060.202.11	1000	24/29	14/23	200	1	1083
060.202.12	500	29/32	14/23	163	1	1083
060.202.12A*	500	29/32	19/26	163	1	1083
060.202.13*	500	29/32	29/32	163	1	1266
060.202.14*	1000	24/29	19/26	200	1	1266
060.202.15	1000	29/32	14/23	200	1	1337
060.202.16	1000	29/32	19/26	200	1	1337
060.202.17*	1000	29/32	29/32	200	1	1335
060.202.18*	2000	24/29	19/26	240	1	2290
060.202.19*	2000	29/32	24/29	240	1	2401
060.202.20*	2000	29/32	29/32	240	1	2401
060.202.26*	3000	34/35	19/26	260	1	5447
060.202.26A*	3000	34/35	24/29	260	1	5447
060.202.29B*	5000	34/35	19/26	305	1	7708
060.202.29*	5000	34/35	24/29	305	1	7708
060.202.32*	10000	34/35	24/29	380	1	14874
060.202.33*	10000	45/40	24/29	380	1	14874
060.202.34*	20000	55/44	24/29	435	1	22300

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

3 NECK
ANGULAR



ENQUIRE

*Non DIN



ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of	Price / Piece
060.470.00	25	14/20	14/20	1	442
060.470.00A	50	14/20	14/20	1	454
060.470.01	100	14/20	14/20	1	532
060.470.01A	100	19/22	19/22	1	532
060.470.03	100	24/40	19/22	1	532
060.470.03A	100	24/40	24/40	1	532
060.470.04	250	14/20	14/20	1	683
060.470.04A	250	19/22	19/22	1	683
060.470.08A	250	24/40	24/40	1	683
060.470.09	500	24/40	24/40	1	998
060.470.10	500	19/22	19/22	1	998
060.470.19	1000	24/40	24/40	1	1234

These flasks can also be provided in other joint sizes



ENQUIRE

Flask



Flask, Round Bottom with 3 Parallel Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12392 standard

Item Code	Capacity (ml)	Centre Socket Size	Side Socket Size	Height (mm)	Pack of	Price / Piece
061.202.00A*	100	19/26	14/23	105	1	542
061.202.00*	100	14/23	14/23	105	1	542
061.202.00B*	100	24/29	14/23	105	1	542
061.202.00C*	100	24/29	19/26	105	1	542
061.202.01*	250	24/29	19/26	140	1	685
061.202.01A*	250	19/26	19/26	140	1	685
061.202.02	250	29/32	14/23	140	1	720
061.202.02A*	250	29/32	29/32	140	1	720
061.202.03*	500	24/29	19/26	163	1	1069
061.202.03A*	500	19/26	19/26	163	1	980
061.202.04*	500	29/32	14/23	163	1	1083
061.202.05	500	29/32	19/26	163	1	1083
061.202.05A	500	29/32	29/32	163	1	1083
061.202.06*	1000	24/29	19/26	200	1	1266
061.202.07*	1000	29/32	14/23	200	1	1325
061.202.08*	1000	29/32	19/26	200	1	1325
061.202.09*	1000	29/32	24/29	200	1	1325
061.202.10	1000	29/32	29/32	200	1	1325
061.202.11	2000	24/29	19/26	240	1	2290
061.202.12*	2000	29/32	19/26	240	1	2413
061.202.13	2000	29/32	29/32	240	1	2413
061.202.14*	2000	34/35	19/26	240	1	2290
061.202.15*	2000	34/35	24/29	240	1	2330
061.202.17*	3000	34/35	19/26	260	1	5447
061.202.18*	3000	34/35	24/29	260	1	5447
061.202.19A*	5000	34/35	19/26	305	1	7708
061.202.19*	5000	34/35	24/29	305	1	7708
061.202.26*	10000	34/35	24/29	380	1	14874
061.202.26A*	10000	45/40	24/29	380	1	14874
061.202.27*	20000	55/44	24/29	435	1	22300

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

3 NECK
ANGULAR



ENQUIRE

*Non DIN | All 2 Neck & 3 Neck Flasks can be provided in ASTM joint sizes on request

ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of	Price / Piece
061.470.00	100	14/20	14/20	1	538
061.470.00A	100	24/40	24/40	1	538
061.402.06	250	24/40	24/40	1	683
061.402.09	500	24/40	24/40	1	1004
061.470.05A	500	29/42	29/42	1	1004
061.402.12	1000	24/40	24/40	1	1246
061.470.10	1000	29/42	29/42	1	1246
061.402.15	2000	24/40	24/40	1	2232

These flasks can also be provided in other joint sizes



ENQUIRE

Flask, Round Bottom with 4 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12394 standard
- Centre Neck & Three Angled Side Necks
- With Interchangeable Joints

Item Code	Capacity (ml)	Centre Neck	Side Neck	Pack of	Price /Piece
060.240.00*	50	24/29	24/29	1	754
060.240.01*	100	19/26	14/23	1	907
060.240.02*	100	24/29	14/23	1	827
060.240.02A*	100	14/23	14/23	1	907
060.240.03*	100	24/29	19/26	1	867
060.240.03A*	100	29/32	14/23	1	907
060.240.04*	250	19/26	19/26	1	1119
060.240.04A*	250	19/26	14/23	1	1119
060.240.05*	250	24/29	14/23	1	1054
060.240.06	250	24/29	19/26	1	1054
060.240.07	250	29/32	14/23	1	1119
060.240.08	250	29/32	19/26	1	1119
060.240.08A*	250	29/32	29/32	1	1119
060.240.09*	500	24/29	14/23	1	1492
060.240.10*	500	24/29	19/26	1	1492
060.240.10A*	500	24/29	24/29	1	1384
060.240.11	500	29/32	14/23	1	1579
060.240.12	500	29/32	19/26	1	1579
060.240.12A*	500	29/32	29/32	1	1579
060.240.12B*	500	34/35	24/29	1	1556
060.240.13*	1000	24/29	14/23	1	1773
060.240.14*	1000	24/29	19/26	1	1852
060.240.14A*	1000	24/29	24/29	1	1793
060.240.15	1000	29/32	14/23	1	1966
060.240.16	1000	29/32	19/26	1	1966
060.240.17*	1000	29/32	29/32	1	1966
060.240.17A*	1000	34/35	24/29	1	1936
060.240.18*	2000	24/29	19/26	1	3073
060.240.18A*	2000	24/29	14/23	1	3073
060.240.19*	2000	29/32	24/29	1	3266
060.240.20*	2000	29/32	29/32	1	3266
060.240.20A*	2000	34/35	19/26	1	3073
060.240.20B*	2000	34/35	24/29	1	3073
060.240.26*	3000	34/35	19/26	1	6851
060.240.26A*	3000	34/35	24/29	1	6851
060.240.29*	5000	34/35	24/29	1	9382
060.240.29B*	5000	34/35	19/26	1	9382
060.240.32*	10000	34/35	24/29	1	16794
060.240.33*	10000	45/40	24/29	1	18150
060.240.33A*	10000	55/44	24/29	1	16794
060.240.34*	20000	55/44	24/29	1	24625



3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

4 NECK
ANGULAR



ENQUIRE

*Non DIN

All 4 Neck flasks can also be provided in ASTM joint sizes on request

These flasks can also be provided in other joint sizes



Flask, Round Bottom with 4 Parallel Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with DIN 12392 standard
- Centre Neck & Three Parallel Side Necks
- With Interchangeable Joints

Item Code	Capacity (ml)	Centre Neck	Side Neck	Pack of	Price / Piece
061.240.00*	50	24/29	24/29	1	754
061.240.00B*	100	24/29	14/23	1	827
061.240.00BA*	100	24/29	19/26	1	867
061.240.01*	250	24/29	19/26	1	1054
061.240.01A*	250	19/26	19/26	1	1083
061.240.01B*	250	24/29	14/23	1	1054
061.240.02*	250	29/32	14/23	1	1083
061.240.02A*	250	29/32	29/32	1	1083
061.240.03*	500	24/29	19/26	1	1423
061.240.03A*	500	19/26	19/26	1	1542
061.240.03B*	500	24/29	24/29	1	1492
061.240.03C*	500	24/29	14/23	1	1423
061.240.04*	500	29/32	14/23	1	1542
061.240.05	500	29/32	19/26	1	1542
061.240.05A	500	29/32	29/32	1	1542
061.240.05B*	500	34/35	24/29	1	1556
061.240.06*	1000	24/29	19/26	1	1936
061.240.06A*	1000	24/29	14/23	1	1852
061.240.06B*	1000	24/29	24/29	1	1936
061.240.07*	1000	29/32	14/23	1	1881
061.240.08*	1000	29/32	19/26	1	1881
061.240.09*	1000	29/32	24/29	1	1881
061.240.10	1000	29/32	29/32	1	1881
061.240.10A*	1000	34/35	24/29	1	1936
061.240.10B	1000	45/40	29/32	1	1936
061.240.11*	2000	24/29	19/26	1	3073
061.240.11A*	2000	24/29	14/23	1	2930
061.240.12*	2000	29/32	19/26	1	3187
061.240.13	2000	29/32	29/32	1	3187
061.240.14*	2000	34/35	19/26	1	2930
061.240.15*	2000	34/35	24/29	1	3073
061.240.15B	2000	45/40	29/32	1	3187
061.240.16B*	3000	29/32	29/32	1	7366
061.240.17*	3000	34/35	19/26	1	6851
061.240.18*	3000	34/35	24/29	1	6851
061.240.18B*	3000	45/40	29/32	1	7366
061.240.19A*	5000	34/35	19/26	1	9382
061.240.19*	5000	34/35	24/29	1	9382
061.240.26*	10000	34/35	24/29	1	16794
061.240.26A*	10000	55/44	24/29	1	17817
061.240.26B*	10000	45/40	24/29	1	16794
061.240.27*	20000	55/44	24/29	1	24610

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

4 NECK
PARALLEL



ENQUIRE

*Non DIN

All 4 Neck flasks can also be provided in ASTM joint sizes on request

Flask, Reaction (Vessel)

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Wide Mouth
- With Flat Flange, 100mm ID, 150mm OD

Item Code	Capacity (ml)	Approx Height (mm)	Pack of	Price /Piece
078.202.01	1000	170	1	2531
078.202.02	2000	205	1	3438
078.202.04	5000	260	1	7181
078.202.05	10000	335	1	15164
078.202.06	20000	400	1	26088

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Lids for Reaction Flask

- Flat Flange and Interchangeable Joint
- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass

Item Code	Centre Joint Size	Parallel Joint Size	Side 5° Joint Size	Side 10° Joint Size	Side 15° Joint Size	Pack of	Price / Piece
079.202.01	19/26	19/26	24/29	19/26	-	1	5654
079.202.02	14/23	14/23	14/23	14/23	29/32	1	5654
079.202.03	14/23	14/23	14/23	14/23	29/32	1	5654

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Stainless steel clips for Reaction Flask

- With wing nuts holding 100mm flat flangs

Item Code	Dia (mm)	Pack of	Price /Piece
080.202.01	100	1	2752



ENQUIRE

*The 500ml & 1000ml kettle have interchangeable joints comes with four opening to accommodate 24/29 interchangeable joints. Kettles 2000ml & 4000ml capacity have interchangeable comes with opening to accommodate three 24/29 interchangeable joints and one 34/35 interchangeable joints.



Flask



Flask, Pear shape

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used for Semi Micro Distillation Manufacturing
- Designed from DIN 12383 standard

Item Code	Capacity (ml)	Socket Size	Dia (mm)	Approx. Overall Height (mm)	Pack of	Price / Piece
062.202.06*	25	14/23	42	90	10	266
062.202.07	50	14/23	51	100	10	310
062.202.09	100	14/23	64	130	10	393

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Flask Pear Shape with Single Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM E-1403 Standard

Item Code	Capacity (ml)	Socket Size	Pack of	Price /Piece
062.470.06	25	14/20	1	290
062.470.07	50	14/20	1	321
062.470.07A	50	24/40	1	321
062.470.09	100	14/20	1	417
062.470.11	100	24/40	1	417
062.470.12	200	14/20	1	520

3.3
BORO
GLASS



ENQUIRE



Flask, Pear shape with Two Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Side neck at 25° angle

Item Code	Capacity (ml)	Centre Size	Side Socket	Approx. Overall Height (mm)	Pack of	Price / Piece
063.202.01	50	14/23	14/23	100	1	683
063.202.02	100	14/23	14/23	130	1	726

3.3
BORO
GLASS



ENQUIRE

Flask Pear Shape Centrifuge Tube

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM E-1403 Standard

Item Code	Capacity (ml)	Pack of	Price /Piece
150.088.03	100	1	2439

3.3
BORO
GLASS



ENQUIRE

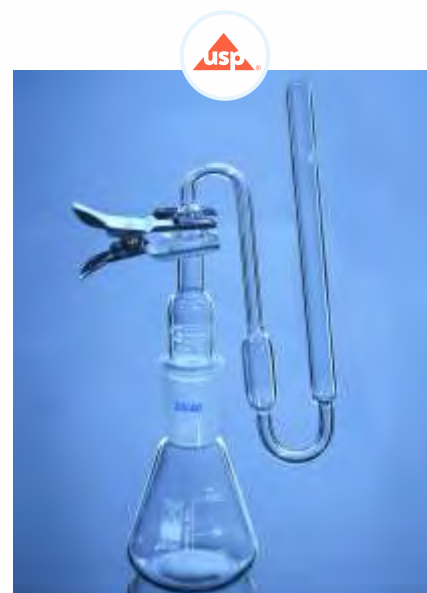


Arsenic Determination Apparatus as per USP

Item Code	Pack of	Price /Piece
345.202.01	1	4841



ENQUIRE



Arsenic Determination Apparatus as per IS

Item Code	Pack of	Price /Piece
345.207.01	1	4841

IS



ENQUIRE



Flask



Tilt Measure

- Made from chemical resistant Boro 3.3 tubing
- Ideal for dispensing fixed volume of liquid
- Easy to use
- Tilt the unit backward to fill
- Tilt the unit forward to dispense

Item Code	Capacity (ml)	Flask Capacity (ml)	N/S	Pack of	Price /Piece
071.252.13	5	100	24/29	1	1138
071.252.19A	10	250	24/29	1	1103
071.252.19B	20	250	24/29	1	1236
071.252.19C	25	250	24/29	1	1320
071.252.19D	50	250	24/29	1	1566

3.3
BORO
GLASS



*Also Available in 29/32 Joint size



ENQUIRE



Flask Reaction With Glass Stopcock

- With 2mm glass stopcock

Item Code	Capacity (ml)	Socket Size	Pack of	Price /Piece
059.468.01	50	14/20	1	599
059.468.07	250	24/40	1	720

3.3
BORO
GLASS



ENQUIRE

Flask, Kjeldahl

- Complies with DIN 12360 standard
- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Suitable for determination of Nitrogen

Item Code	Capacity (ml)	D.(mm)	H.(mm)	Pack of	Price /Piece
077.202.01	100	60	200	2	286
077.202.02*	300	85	295	2	468
077.202.03	500	101	300	2	911
077.202.04*	800	117	340	2	1108

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Flask, Kjeldahl

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used for the Determination of Nitrogen

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Pack of	Price /Piece
070.202.01	50	19/26	200	2	611
070.202.02	100	19/26	200	2	689
070.202.03	100	24/29	200	2	913
070.202.04*	300	24/29	295	2	986
070.202.05	500	24/29	300	2	1138
070.502.06*	800	24/29	340	2	1167

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Flask, Brush

- Made of Nylon Bristles

Item Code	Type	Material of Bristle	Pack of	Price /Pack
593.303.04	Flask Brush	Nylon	50	7640



ENQUIRE



Flask



Flask, Tong, Euro Design

- Available in Silicon Sleeve and fibre Glass yarn to resist direct flame
- Hold Flask upto 2 Litres (60 mm OD).
- Made of Stainless Steel

Item Code	Length (mm)	Type	Max. Temp	Pack of	Price /Pack
396.303.05	250	Glass Fibre	500°C	4	2274
396.303.06	300	Glass Fibre	500°C	4	2397
396.303.07	250	Sillicon	280°C	4	1750
396.303.08	300	Sillicon	280°C	4	1925

SS

EU

Glass
Yarn



ENQUIRE



Flask, Stand

- Gives stair like top view
- Every step provides excellent support to the round bottom flask
- Can hold round bottom Flasks up to 10 Ltr. capacity
- PP is Autoclavable

Item Code	Material	Pack of	Price /Pack
115.303.01	Polypropylene	6	1615
417.303.01	Sillicon	2	4526



ENQUIRE



Flask, Hand Grip

- Made of silicon
- Can withstand temp. upto 250°C

Item Code	Pack of	Price /Piece
418.303.01	1	1726

Si



ENQUIRE

THE HEART OF ACCURATE MEASUREMENTS



QR-LabGlass™ Smart Flask is the only Volumetric flask that makes the whole work of calibration certificate storing process sound simple. With its uniquely etched QR code, the **QR-LabGlass™** Smart Flask is the world's first traceable glassware. Its premium quality material with lifetime embossed identity helps in attaining compliance when in collaboration with a robust quality system like **CaliberLIMS**

CaliberLIMS is a dynamic quality system that ensures digitalization and automation of complete laboratory. **CaliberLIMS** Glassware Module makes life easy for the QC. With **CaliberLIMS** Glassware Module, QC can easily find details about

- Glassware type
- Glassware registration
- Glassware lot
- Glassware lot acceptance
- Glassware issuance
- Glassware usage
- Breakage

QR-LabGlass™ Smart Flask in collaboration with **CaliberLIMS** Glassware Module helps you Present required certificates easily during compliance audits

- Retrieve individual **QR-LabGlass™** Smart Flask certificates any time during analysis
- Check and trace the frequency of usage of any **QR-LabGlass™** Smart Flask
- Control the usage of specific and appropriate glassware with system alerts and pop-ups
- Have all inventory reports at your finger tips
- Take action immediately with alerts on breakage, overuse, and low stock of glassware
- Get discard alerts for overuse of a specific **QR-LabGlass™** Smart Flask
- Maintain audit trail with complete and clear records Simple!

Automation and digitalization is the new normal in the Pharma industry. In the current pandemic situation, digitalization of laboratories is an essential task. With a scannable glassware like **QR-LabGlass™** Smart Flask and a dynamic quality system like **CaliberLIMS**, digitalization of laboratories is made simple.

Think Digital - Think **CaliberLIMS** in Collaboration with **QR-LabGlass™** Smart Flask

QR-CODED : SCAN YOUR CALIBRATED GLASS.

"iGlass ...

Intelligent & Instant at Your Finger Tips"

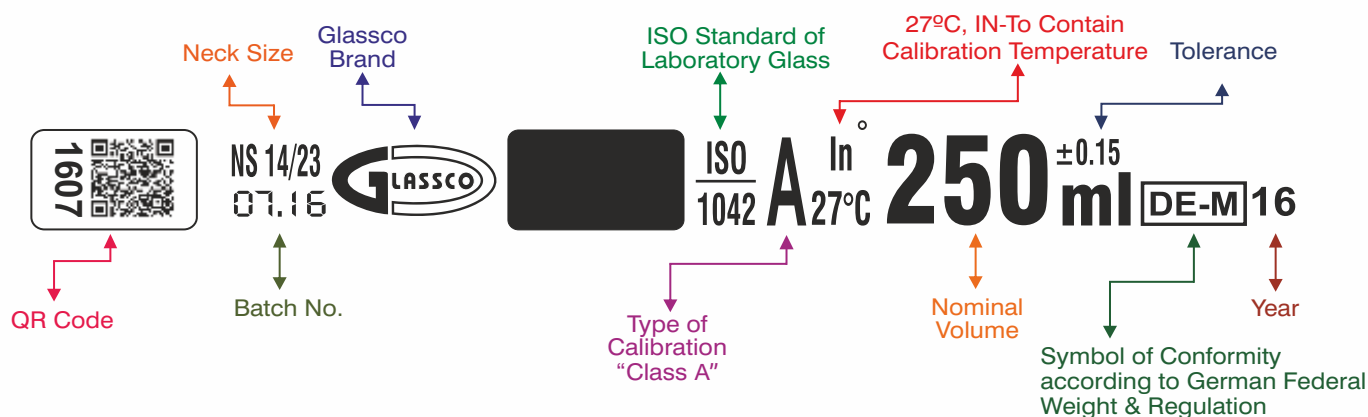
Glassco understand the different requirement of our Esteemed customer. Therefore Glassco has wide range of volumetric flask in USP, ASTM, NABL & for the first time in the world have come out QR coded Volumetric flasks which are designed to meet our valuable customer requirement, while ensuring optimum quality. Glassco volumetric flasks are specially design to withstand demands of various laboratories world class.

- Glassco Volumetric Flasks Class A are made from ASTM E 438 TYPE 1 Class A heat resistant BORO 3.3 Glass
- Meet DIN/ISO 1042 & USP (ASTM E-288 standard)
- The calibration is done on automatic computer controlled machine and are calibrated to contain (TC, In) according to the ISO USP or ASTM tolerance standards.
- Supplied with individual calibrated certificate/Confirmity certificate/user manual can also be downloaded from the site after scanning the QR code from the volumetric flask
- Glassco Volumetric Flasks are supplied with both PE stoppers and glass stoppers
- All Class 'A' ISO Compliance flasks are printed in Blue colour.
- The meniscus mark is diamond grinded for longer persistence and better accuracy
- Calibrated at 20°C & 27°C as per customer requirement
- Meniscus mark for QR coded flasks.

Overview of the Printing Coloured :



QR-CODED:
SCAN YOUR
CALIBRATED GLASS.
USP | DIN | ASTM | ISO



Volumetric Flask



3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

A
CLASS

PE

BLUE
RING

INDIVIDUAL
CERTIFICATE



ENQUIRE

Flask, Volumetric, Class A, QR Coded with Penny Head glass, With ISI Mark & PE Stopper, Calibrated at 27°C

- Compliance with IS:915 Mark DIN ISO 1042 Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number.

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
QRL.130.576.01	5*	10/19	0.040	1	1118
QRL.130.576.02	10*	10/19	0.040	1	968
QRL.130.576.03	20*	10/19	0.040	1	968
QRL.130.576.04	25	10/19	0.040	1	897
QRL.130.576.05	50	12/21	0.060	1	846
QRL.130.576.06	100	14/23	0.100	1	822
QRL.130.576.07	200	14/23	0.150	1	1170
QRL.130.577.07	200*	14/23	0.150	1	1183
QRL.130.576.08	250	14/23	0.150	1	1170
QRL.130.576.09	500	19/26	0.250	1	1527
QRL.130.576.10	1000	24/29	0.400	1	2236
QRL.130.576.11	2000	29/32	0.600	1	3631
QRL.130.576.14	5000	34/35	1.200	1	15544

*5ml to 20ml Supplied with trapezoidal shape for better stability

*200ml also Supplied with trapezoidal shape for better stability



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE

WHITE
RING

INDIVIDUAL
CERTIFICATE



ENQUIRE

Flask, Volumetric, Amber, Class A, QR Coded with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number.
- Amber colour flask for light sensitive solution

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
QRL.130.576.01A	5*	10/19	0.040	1	1329
QRL.130.576.02A	10*	10/19	0.040	1	1156
QRL.130.576.03A	20*	10/19	0.040	1	1156
QRL.130.576.04A	25	10/19	0.040	1	1076
QRL.130.576.05A	50	12/21	0.060	1	1019
QRL.130.576.06A	100	14/23	0.100	1	1005
QRL.130.576.07A	200	14/23	0.150	1	1390
QRL.130.577.07A	200*	14/23	0.150	1	1609
QRL.130.576.08A	250	14/23	0.150	1	1372
QRL.130.576.09A	500	19/26	0.250	1	1837
QRL.130.576.10A	1000	24/29	0.400	1	2678
QRL.130.576.11A	2000	29/32	0.600	1	4355

*5ml to 20ml Supplied with trapezoidal shape for better stability

*200ml also Supplied with trapezoidal shape for better stability

Volumetric Flasks

Flask, Volumetric, Clear, Class A, USP, QR Coded with Penny Head glass & PE Stopper, Calibrated at 20°C

- Compliance with USP Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number.

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
QRL.130.520.01	5*	10/19	0.020	1	1250
QRL.130.520.02	10*	10/19	0.020	1	1044
QRL.130.520.03	20*	10/19	0.030	1	1090
QRL.130.520.04	25	10/19	0.030	1	1006
QRL.130.520.05	50	12/21	0.050	1	954
QRL.130.520.06	100	14/23	0.080	1	935
QRL.130.520.07	200	14/23	0.100	1	1307
QRL.130.520.08	250	14/23	0.120	1	1316
QRL.130.520.09	500	19/26	0.150	1	1730
QRL.130.520.10	1000	24/29	0.300	1	2515
QRL.130.520.11	2000	29/32	0.500	1	4089

*5ml to 20ml Supplied with trapezoidal shape for better stability



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

PE

AMBER
RING

INDIVIDUAL
CERTIFICATE

Flask, Volumetric, Amber, Class A, USP, QR Coded with Penny Head Glass & PE Stopper, Calibrated at 20°C

- With Individual work Certificate and Serial Number
- Amber colour flask for light sensitive solution

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
QRL.130.520.01A	5*	10/19	0.020	1	1490
QRL.130.520.02A	10*	10/19	0.020	1	1311
QRL.130.520.03A	20*	10/19	0.030	1	1311
QRL.130.520.04A	25	10/19	0.030	1	1203
QRL.130.520.05A	50	12/21	0.050	1	1156
QRL.130.520.06A	100	14/23	0.080	1	1128
QRL.130.520.07A	200	14/23	0.100	1	1598
QRL.130.520.08A	250	14/23	0.120	1	1603
QRL.130.520.09A	500	19/26	0.150	1	2110
QRL.130.520.10A	1000	24/29	0.300	1	3079
QRL.130.520.11A	2000	29/32	0.500	1	4959



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE

AMBER
RING

INDIVIDUAL
CERTIFICATE

Volumetric Flask



ENQUIRE

Flask, Volumetric, Clear Wide Mouth, Class A, USP, QR Coded with Penny Head glass & PE Stopper, Calibrated at 20°C

- Compliance with USP Standards
- Each flask comes specially printed QR code
- Each flask comes with Individual Work Certificate and Serial Number.

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
QRL.130.600.00	5*	12/21	0.06	1	1251
QRL.130.600.01	5*	14/23	0.06	1	1251
QRL.130.600.02B	10*	12/21	0.06	1	1079
QRL.130.600.02	10	14/23	0.06	1	1079
QRL.130.600.03B	20	12/21	0.06	1	1118
QRL.130.600.03	20	14/23	0.06	1	1118
QRL.130.600.04B	25	12/21	0.06	1	1192
QRL.130.600.04	25	14/23	0.06	1	1192
QRL.130.600.05	50	14/23	0.08	1	1167
QRL.130.600.06	100	19/26	0.10	1	1226
QRL.130.600.07	200	19/26	0.12	1	1438
QRL.130.600.08	250	19/26	0.12	1	1551
QRL.130.600.09W	500	24/29	0.30	1	1840
QRL.130.600.10W	1000	29/32	0.40	1	2671

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Flask, Volumetric, Amber Wide Mouth, Class A, USP, QR Coded with Penny Head Glass & PE Stopper, Calibrated at 20°C

- With Individual work Certificate and Serial Number
- Amber colour flask for light sensitive solution

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
QRL.130.600.01A	5*	12/21	0.06	1	1517
QRL.130.600.01AB	5*	14/23	0.06	1	1517
QRL.130.600.02AB	10*	12/21	0.06	1	1310
QRL.130.600.02A	10	14/23	0.06	1	1310
QRL.130.600.03AB	20	12/21	0.06	1	1310
QRL.130.600.03A	20	14/23	0.06	1	1310
QRL.130.600.04AB	25	12/21	0.06	1	1423
QRL.130.600.04A	25	14/23	0.06	1	1423
QRL.130.600.05A	50	14/23	0.08	1	1394
QRL.130.600.06A	100	19/26	0.10	1	1473
QRL.130.600.07A	200	19/26	0.12	1	1729
QRL.130.600.08A	250	19/26	0.12	1	1872
QRL.130.600.09AW	500	24/29	0.30	1	2298
QRL.130.600.10AW	1000	29/32	0.40	1	3352

3.3
BORO
GLASS



A
CLASS



Flask, Volumetric, CLASS A, Narrow Mouth, QR Coded, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- Serialized specification.
- The flasks have Amber graduated line and are calibrated TC (To Contain).
- These comes in Amber colour enamel printing.

Item Code	Capacity (ml)	Stopper Size	Tolerance (±)	Stopper Type	Pack of	Price /Piece
QRL.134.536.01	5	9	0.02	Penny Head	1	1310
QRL.134.536.02	10	9	0.02	Penny Head	1	1138
QRL.134.536.03*	20	9	0.03	Penny Head	1	1143
QRL.134.536.04	25	9	0.03	Penny Head	1	1054
QRL.134.536.05	50	9	0.05	Penny Head	1	1000
QRL.134.536.06	100	13	0.08	Penny Head	1	980
QRL.134.536.07	200	16	0.1	Penny Head	1	1374
QRL.134.536.08	250	16	0.12	Penny Head	1	1379



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

GLASS



Flask, Volumetric, CLASS A, Wide Mouth, QR Coded, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- Serialized specification.
- The flasks have Amber graduated line and are calibrated TC (To Contain).
- These comes in Amber colour enamel printing.

Item Code	Capacity (ml)	Stopper Size	Tolerance (±)	Stopper Type	Pack of	Price /Piece
QRL.131.536.01	5	13	0.02	Penny Head	1	1251
QRL.131.536.02	10	13	0.02	Penny Head	1	1079
QRL.131.536.03*	20	13	0.03	Penny Head	1	1118
QRL.131.536.04	25	13	0.03	Penny Head	1	1192
QRL.131.536.05	50	13	0.05	Penny Head	1	1162
QRL.131.536.06	100	16	0.08	Penny Head	1	1226
QRL.131.536.07	200	19	0.12	Penny Head	1	1438
QRL.131.536.08	250	19	0.2	Penny Head	1	1551
QRL.131.536.09	500	19	0.2	Penny Head	1	1765
QRL.131.536.10	1000	22	0.3	Penny Head	1	2573
QRL.131.536.11	2000	27	0.5	Penny Head	1	4285



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

GLASS



Volumetric Flask



ENQUIRE

Flask, Volumetric, Amber, Narrow Mouth, CLASS A, QR Coded, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- Serialized specification
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in white colour enamel printing

Item Code	Capacity (ml)	Stopper Size	Tolerance (±)	Stopper Type	Pack of	Price /Piece
QRL.134.536.01A	5	9	0.02	Penny Head	1	1561
QRL.134.536.02A	10	9	0.02	Penny Head	1	1374
QRL.134.536.03A*	20	9	0.03	Penny Head	1	1374
QRL.134.536.04A	25	9	0.03	Penny Head	1	1261
QRL.134.536.05A	50	9	0.05	Penny Head	1	1212
QRL.134.536.06A	100	13	0.08	Penny Head	1	1182
QRL.134.536.07A	200	16	0.1	Penny Head	1	1675
QRL.134.536.08A	250	16	0.12	Penny Head	1	1679

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Flask, Volumetric, Amber, Wide Mouth, CLASS A, QR Coded, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- Serialized specification
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in white colour enamel printing.

Item Code	Capacity (ml)	Stopper Size	Tolerance (±)	Stopper Type	Pack of	Price /Piece
QRL.131.536.01A	5	13	0.02	Penny Head	1	1517
QRL.131.536.02A	10	13	0.02	Penny Head	1	1310
QRL.131.536.03A*	20	13	0.03	Penny Head	1	1310
QRL.131.536.04A	25	13	0.03	Penny Head	1	1423
QRL.131.536.05A	50	13	0.05	Penny Head	1	1394
QRL.131.536.06A	100	16	0.08	Penny Head	1	1473
QRL.131.536.07A	200	19	0.1	Penny Head	1	1729
QRL.131.536.08A	250	19	0.12	Penny Head	1	1801
QRL.131.536.09A	500	19	0.2	Penny Head	1	2131
QRL.131.536.10A	1000	22	0.3	Penny Head	1	3226
QRL.131.536.11A	2000	27	0.5	Penny Head	1	5196

* Non ASTM

*5ml to 20ml Supplied with trapezoidal shape for better stability

3.3
BORO
GLASS



A
CLASS



Flask, Volumetric, Narrow Mouth, Class A with Penny Head glass & PE Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate and Serial Number.

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.576.00*	1*	10/19	0.025	1	1300
130.576.00B*	2*	10/19	0.025	1	1300
130.576.01	5**	10/19	0.04	1	1172
130.576.02	10**	10/19	0.04	1	1015
130.576.03	20**	10/19	0.04	1	1015
130.576.04	25	10/19	0.04	1	941
130.576.05	50	12/21	0.06	1	887
130.576.06	100	14/23	0.1	1	862
130.577.07	200**	14/23	0.15	1	1239
130.576.07	200	14/23	0.15	1	1226
130.576.08	250	14/23	0.15	1	1226
130.576.09	500	19/26	0.25	1	1601
130.576.10	1000	24/29	0.4	1	2344
130.576.11	2000	29/32	0.6	1	3807
130.576.14	5000	34/35	1.2	1	16297

** Non DIN & IS



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

A
CLASS

PE



INDIVIDUAL
CERTIFICATE

Flask, Volumetric, Wide Mouth, Class A with Penny Head glass & PE Stopper, Calibrated at 27°C, With ISI Mark

- Compliance with IS:915 & DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate and Serial Number.

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.576.01WM	5*	12/21	0.04	1	1167
130.576.02WM	10*	12/21	0.04	1	1015
130.576.03WM	20	12/21	0.06	1	1024
130.576.04WM	25	12/21	0.06	1	1118
130.576.04W*	25*	14/23	0.06	1	1093
130.576.05W	50	14/23	0.1	1	1074
130.576.06W*	100*	19/26	0.1	1	1128
130.576.07W*	200*	19/26	0.2	1	1482
130.576.08WM*	250*	19/26	0.2	1	1576
130.576.09WM*	500*	24/29	0.4	1	1773
130.576.10WM	1000	29/32	0.6	1	2438

*1ml & 2ml sizes are of test tube shape | **5ml to 20ml Supplied with trapezoidal shape for better stability
 **200ml also Supplied with trapezoidal shape for better stability

*Non DIN & IS



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

A
CLASS

GLASS



BATCH
CERTIFICATE

Volumetric Flask



ENQUIRE

Flask, Volumetric, Amber Narrow Mouth Class A with Penny Head glass & PE Stopper, Calibrated at 27°C, With ISI Mark

- Compliance with IS:915 & DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.576.01A	5*	10/19	0.04	1	1394
130.576.02A	10*	10/19	0.04	1	1212
130.576.03A	20*	10/19	0.04	1	1212
130.576.04A	25	12/21	0.06	1	1128
130.576.05A	50	12/21	0.06	1	1069
130.576.06A	100	14/23	0.1	1	1054
130.576.07A	200	14/23	0.15	1	1458
130.576.08A	250	14/23	0.15	1	1438
130.576.09A	500	19/26	0.25	1	1926
130.576.10A	1000	24/29	0.4	1	2807
130.576.11A	2000	29/32	0.6	1	4565

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Flask, Volumetric, Amber Wide Mouth, Class A with Penny Head glass & PE Stopper, Calibrated at 27°C, With ISI Mark

- Compliance with IS:915 & DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate and Serial Number
- Specially designed wide mouth for testing bigger diameter tablet

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.576.01WMA**	5	12/21	0.04	1	1374
130.576.02WMA**	10	12/21	0.04	1	1202
130.576.03WMA	20	12/21	0.06	1	1226
130.576.03MWA**	20	14/23	0.06	1	1231
130.576.04BWMA	25	12/21	0.06	1	1345
130.576.04MWA**	25	14/23	0.06	1	1345
130.576.05MWA	50	14/23	0.1	1	1271
130.576.06AW**	100	19/26	0.1	1	1389
130.576.07MWA**	200	19/26	0.2	1	1783
130.576.08WMA**	250	19/26	0.2	1	2689
130.576.09WMA**	500	24/29	0.4	1	2763
130.576.10WMA	1000	29/32	0.6	1	2896

*5ml to 20ml Supplied with trapezoidal shape for better stability

** Non DIN & IS

3.3
BORO
GLASS



A
CLASS



Flask, Volumetric, Class A, NABL with Penny Head glass & Plastic Stopper Calibrated at 27°C, With ISI Mark

- Compliance with IS:915 & DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.508.01	5*	10/19	0.040	1	2970
130.508.02	10*	10/19	0.040	1	2285
130.508.03	20*	10/19	0.040	1	2285
130.508.04	25	10/19	0.040	1	2128
130.508.05	50	12/21	0.060	1	2128
130.508.06	100	14/23	0.100	1	2192
130.508.07	200	14/23	0.150	1	2788
130.508.08	250	14/23	0.150	1	2827
130.508.09	500	19/26	0.250	1	3768
130.508.10	1000	24/29	0.400	1	5413
130.508.11	2000	29/32	0.600	1	8757



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

A
CLASS

PE

INDIVIDUAL
CERTIFICATE

INDIVIDUAL
CERTIFICATE

Flask, Volumetric, Amber, Class A, NABL with Penny Head Glass & PP Stopper, Calibrated at 27°C

- Compliance with DIN ISO 1042 Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.508.01A	5*	10/19	0.040	1	2866
130.508.02A	10*	10/19	0.040	1	2502
130.508.03A	20*	10/19	0.040	1	2502
130.508.04A	25	10/19	0.040	1	2266
130.508.05A	50	12/21	0.060	1	2433
130.508.06A	100	14/23	0.100	1	2517
130.508.07A	200	14/23	0.150	1	2994
130.508.08A	250	14/23	0.150	1	3329
130.508.09A	500	19/26	0.250	1	4157
130.508.10A	1000	24/29	0.400	1	6137
130.508.11A	2000	29/32	0.600	1	9643



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE

INDIVIDUAL
CERTIFICATE

INDIVIDUAL
CERTIFICATE

*5ml to 20ml Supplied with trapezoidal shape for better stability

Volumetric Flask



ENQUIRE

Flask, Volumetric, Class A NABL, USP, with Penny Head Glass & PE Stopper Calibrated at 20°C

- Compliance with USP Standards
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of	Price /Piece
130.407.01	5*	10/19	0.020	1	2640
130.407.02	10*	10/19	0.020	1	2285
130.407.02A	20*	10/19	0.030	1	2285
130.407.03	25	10/19	0.030	1	2128
130.407.04	50	12/21	0.050	1	2128
130.407.05	100	14/23	0.080	1	2192
130.407.06	200	14/23	0.100	1	2788
130.407.07	250	14/23	0.120	1	2827
130.407.08	500	19/26	0.150	1	3768
130.407.09	1000	24/29	0.300	1	5413
130.407.10	2000	29/32	0.500	1	8757

*5ml to 20ml Supplied with trapezoidal shape for better stability

3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

GLASS



INDIVIDUAL
CERTIFICATE



TRAPEZOIDAL SHAPE

Flask, Volumetric, Clear, Wide Mouth, Class A, USP With Interchangeable Solid Glass Stopper, Calibrated at 20°C, Boro 3.3 Glass TYPE 1

- Calibrated as per USP tolerance
- Each flask comes with Individual Work Certificate and Serial Number
- Specially designed wide mouth for testing bigger diameter tablet

Item Code	Capacity (ml)	N/S	Tolerance (±)	Type	Pack of	Price /Piece
130.600.00	5	12/21	0.06	Clear	1	1251
130.600.01	5*	14/23	0.06	Clear	1	1251
130.600.02	10*	14/23	0.06	Clear	1	1079
130.600.02B	10	12/21	0.06	Clear	1	1079
130.600.03	20**	14/23	0.06	Clear	1	1118
130.600.03B	20	12/21	0.06	Clear	1	1118
130.600.04	25	14/23	0.06	Clear	1	1192
130.600.04B	25	12/21	0.06	Clear	1	1192
130.600.05	50	14/23	0.08	Clear	1	1167
130.600.06	100	19/26	0.10	Clear	1	1226
130.600.07	200	19/26	0.12	Clear	1	1438
130.600.08	250	19/26	0.12	Clear	1	1551
130.600.09	500	24/29	0.30	Clear	1	1931
130.600.10	1000	29/32	0.40	Clear	1	2802

** Not covered in the standards

*5ml to 20ml Supplied with trapezoidal shape for better stability



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

GLASS



INDIVIDUAL
CERTIFICATE

Flask, Volumetric, Class A, USP Standards with Penny Head Glass & Plastic Stopper, Calibrated at 20°C

- Calibrated as per USP tolerance
- Each flask comes with Individual Work Certificate and Serial Number

Item Code	Capacity (ml)	N/S	Tolerance (±)	Type	Pack of	Price /Piece
130.521.01	5*	10/19	0.020	Clear	1	1310
130.521.02	10*	10/19	0.020	Clear	1	1138
130.521.03	20*	10/19	0.030	Clear	1	1143
130.521.04	25	10/19	0.030	Clear	1	1054
130.521.05	50	12/21	0.050	Clear	1	1000
130.521.06	100	14/23	0.080	Clear	1	980
130.521.07	200	14/23	0.100	Clear	1	1369
130.521.08	250	14/23	0.120	Clear	1	1379
130.521.09	500	19/26	0.150	Clear	1	1812
130.521.10	1000	24/29	0.300	Clear	1	2635
130.521.11	2000	29/32	0.500	Clear	1	4285

*5ml to 20ml Supplied with trapezoidal shape for better stability



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

PE



INDIVIDUAL
CERTIFICATE

Volumetric Flask



ENQUIRE

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE



INDIVIDUAL
CERTIFICATE

Flask, Volumetric, Amber, Class A, USP Standards with Penny Head Glass & PE Stopper, Calibrated at 20°C

- Calibrated as per USP tolerance
- Each flask comes with Individual Work Certificate and Serial Number
- Specially designed wide mouth for testing bigger diameter tablet

Item Code	Capacity (ml)	N/S	Tolerance (±)	Type	Pack of	Price /Piece
130.521.01A	5*	10/19	0.020	Amber	1	1561
130.521.02A	10*	10/19	0.020	Amber	1	1374
130.521.03A	20*	10/19	0.030	Amber	1	1374
130.521.04A	25	10/19	0.030	Amber	1	1261
130.521.05A	50	12/21	0.050	Amber	1	1212
130.521.06A	100	14/23	0.080	Amber	1	1182
130.521.07A	200	14/23	0.100	Amber	1	1675
130.521.08A	250	14/23	0.120	Amber	1	1679
130.521.09A	500	19/26	0.150	Amber	1	2211
130.521.10A	1000	24/29	0.300	Amber	1	3226
130.521.11A	2000	29/32	0.500	Amber	1	5196

*5ml to 20ml Supplied with trapezoidal shape for better stability



ENQUIRE

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

GLASS



BATCH
CERTIFICATE

Flask, Volumetric, Amber, Wide Mouth, Class A, USP With Interchangeable Solid Glass Stopper, Calibrated at 20°C, Boro 3.3 Glass TYPE 1

- Calibrated as per USP tolerance
- Each flask comes with Individual Work Certificate and Serial Number
- Specially Designed wide mouth for testing bigger diameter tablet

Item Code	Capacity (ml)	N/S	Tolerance (±)	Type	Pack of	Price /Piece
130.600.01A	5*	14/23	0.06	Amber	1	1517
130.600.01AB	5*	12/21	0.06	Amber	1	1517
130.600.02A	10*	14/23	0.06	Amber	1	1310
130.600.02AB	10*	12/21	0.06	Amber	1	1310
130.600.03A	20**	14/23	0.06	Amber	1	1310
130.600.03AB	20*	12/21	0.06	Amber	1	1310
130.600.04A	25	14/23	0.06	Amber	1	1423
130.600.04AB	25	12/21	0.06	Amber	1	1423
130.600.05A	50	14/23	0.08	Amber	1	1394
130.600.06A	100	19/26	0.10	Amber	1	1473
130.600.07A	200	19/26	0.12	Amber	1	1729
130.600.08A	250	19/26	0.12	Amber	1	1872

** Not covered in the standards

*5ml to 20ml Supplied with trapezoidal shape for better stability

Flask, Volumetric, CLASS A, Narrow Mouth, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in Amber colour enamel printing.

Item Code	Cap. (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Neck Type	Pack of	Price /Piece
134.536.00*	1	0.01	8	Penny Head	Narrow	1	1373
134.536.00B*	2	0.015	8	Penny Head	Narrow	1	1385
134.536.01	5	0.02	9	Penny Head	Narrow	1	1310
134.536.02	10	0.02	9	Penny Head	Narrow	1	1138
134.536.03*	20	0.03	9	Penny Head	Narrow	1	1143
134.536.04	25	0.03	9	Penny Head	Narrow	1	1054
134.536.05	50	0.05	9	Penny Head	Narrow	1	1000
134.536.06	100	0.08	13	Penny Head	Narrow	1	980
134.536.07	200	0.1	16	Penny Head	Narrow	1	1374
134.536.08	250	0.12	16	Penny Head	Narrow	1	1379



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

GLASS



INDIVIDUAL
CERTIFICATE

Flask, Volumetric, CLASS A, Wide Mouth, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in Amber colour enamel printing.

Item Code	Cap. (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Neck Type	Pack of	Price /Piece
131.536.01	5	0.02	13	Penny Head	Wide	1	1251
131.536.02	10	0.02	13	Penny Head	Wide	1	1079
131.536.03*	20	0.03	13	Penny Head	Wide	1	1118
131.536.04	25	0.03	13	Penny Head	Wide	1	1192
131.536.05	50	0.05	13	Penny Head	Wide	1	1162
131.536.06	100	0.08	16	Penny Head	Wide	1	1226
131.536.07	200	0.1	19	Penny Head	Wide	1	1438
131.536.08	250	0.12	19	Penny Head	Wide	1	1551
131.536.09	500	0.2	19	Penny Head	Wide	1	1812
131.536.10	1000	0.3	22	Penny Head	Wide	1	2635
131.536.11	2000	0.5	27	Penny Head	Wide	1	4285



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

GLASS



INDIVIDUAL
CERTIFICATE

*Non ASTM & Not covered under Standards

**1 ml Sizes are of test tube shape

Volumetric Flask



ENQUIRE

Flask, Volumetric, Amber, Narrow Mouth, CLASS A, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in white colour enamel printing.

Item Code	Cap. (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Neck Type	Pack of	Price /Piece
134.236.00A*	1**	0.01	8	Penny Head	Narrow	1	1675
134.236.00BA*	2	0.015	8	Penny Head	Narrow	1	1675
134.536.01A	5	0.02	9	Penny Head	Narrow	1	1561
134.536.02A	10	0.02	9	Penny Head	Narrow	1	1374
134.536.03A*	20	0.03	9	Penny Head	Narrow	1	1374
134.536.04A	25	0.03	9	Penny Head	Narrow	1	1261
134.536.05A	50	0.05	9	Penny Head	Narrow	1	1212
134.536.06A	100	0.08	13	Penny Head	Narrow	1	1182
134.536.07A	200	0.1	16	Penny Head	Narrow	1	1675
134.536.08A	250	0.12	16	Penny Head	Narrow	1	1679

3.3
BORO
GLASS



Chemical
Resistant



WHITE
PRINTING

A
CLASS



GLASS



ENQUIRE

Flask, Volumetric, Amber, Wide Mouth, CLASS A, Serialized, Calibrated at 20°C

- These flasks are made as per ASTM E 288 Class A Type 1 Boro 3.3 Glass
- The flasks have diamond graduated line and are calibrated TC (To Contain).
- These comes in white colour enamel printing.

Item Code	Cap. (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Neck Type	Pack of	Price /Piece
131.536.01A	5	0.02	13	Penny Head	Wide	1	1517
131.536.02A	10	0.02	13	Penny Head	Wide	1	1310
131.536.03A*	20	0.03	13	Penny Head	Wide	1	1310
131.536.04A	25	0.03	13	Penny Head	Wide	1	1423
131.536.05A	50	0.05	13	Penny Head	Wide	1	1394
131.536.06A	100	0.08	16	Penny Head	Wide	1	1473
131.536.07A	200	0.2	19	Penny Head	Wide	1	1729
131.536.08A	250	0.12	19	Penny Head	Wide	1	1891
131.536.09A	500	0.2	19	Penny Head	Narrow	1	2234
131.536.10A	1000	0.3	22	Penny Head	Narrow	1	3226
131.536.11A	2000	0.5	27	Penny Head	Narrow	1	5196

3.3
BORO
GLASS



Chemical
Resistant



WHITE
PRINTING

A
CLASS



GLASS



Flask, Volumetric, Clear Glass, Class B, Calibrated at 27°, With ISI Mark

- Calibrated as per USP tolerance & IS:915 Standards
- Comes with Penny Head glass & PE Stopper

Item Code	Capacity (ml)	Tolerance (±ml)	N/S	Pack of	Price /Piece
128.576.00*	1*	0.05	10/19	2	433
128.576.00B*	2*	0.05	10/19	2	384
128.576.01	5**	0.080	10/19	2	360
128.576.02	10**	0.080	10/19	2	340
128.576.03	20**	0.080	10/19	2	340
128.576.04	25	0.080	10/19	2	335
128.576.05	50	0.120	12/21	2	360
128.576.06	100	0.200	14/23	2	399
128.576.07	200	0.300	14/23	2	468
128.576.08	250	0.300	14/23	2	483
128.576.09	500	0.500	19/26	2	675
128.576.10	1000	0.800	24/29	2	1113
128.576.11	2000	1.200	29/32	1	2315
128.576.12	5000	2.400	34/35	1	8279

*1ml & 2ml sizes are of test tube shape

**5ml to 20ml Supplied with trapezoidal shape for better stability

*Non DIN/ISO



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

PE

INDIVIDUAL
CERTIFICATE

INDIVIDUAL
CERTIFICATE

Flask, Volumetric, Clear Glass, Class B, Calibrated at 27°, With ISI Mark

- Calibrated as per USP tolerance & IS:915 Standards
- Comes with Penny Head glass & PE Stopper

Item Code	Capacity (ml)	Tolerance (±ml)	N/S	Pack of	Price /Piece
130.522.00A*	1*	0.05	10/19	2	532
130.522.00BA*	2*	0.05	10/19	2	532
130.522.01A	5**	0.08	10/19	2	552
130.522.02A	10**	0.08	10/19	2	527
130.522.03A	20**	0.08	10/19	2	527
130.522.04A	25	0.08	10/19	2	527
130.522.05A	50	0.120	12/21	2	552
130.522.06A	100	0.200	14/23	2	630
130.522.07A	200	0.300	14/23	2	660
130.522.08A	250	0.300	14/23	2	670
130.522.09A	500	0.500	19/26	2	1010
130.522.10A	1000	0.800	24/29	2	1655
130.522.11A	2000	1.200	29/32	1	3374

*Non DIN/ISO



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

B
CLASS

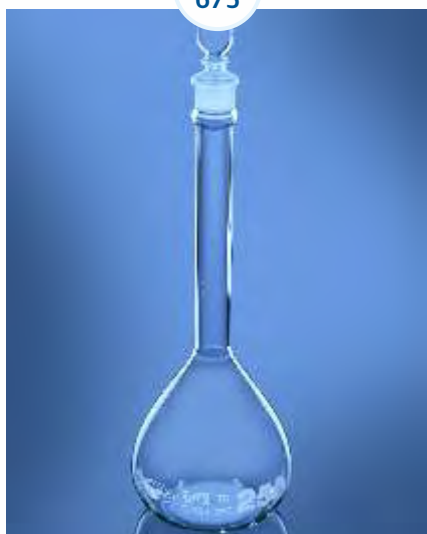
PE

INDIVIDUAL
CERTIFICATE

INDIVIDUAL
CERTIFICATE

Volumetric Flask

BS
675



Volumetric Flask for Sugar Estimation

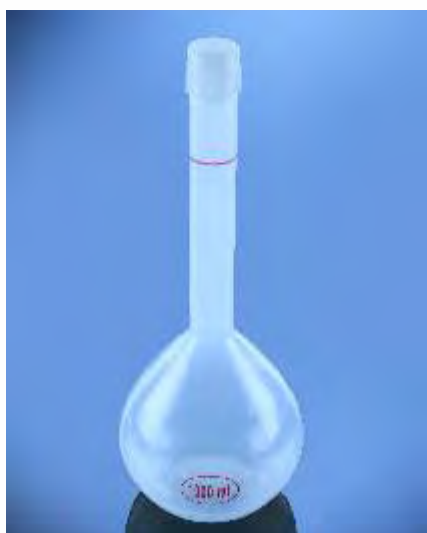
- As per BS 675
- Two mark flask designed for the analysis of sugar solutions
- The two graduation marks provide a dilution of 1 in 10

Item Code	Capacity (ml)	Pack of	Price /Piece
133.502.03	100/110	2	527

3.3
BORO
GLASS



ENQUIRE



Flask, Volumetric (PP)

- These flask are autoclavable, strong, unbreakable
- These flask have good contact clarity.
- These autoclavable flasks are provided with screw caps to prevent leakage

Item Code	Capacity (ml)	Pack of	Price /Pack
158.303.01	25	6	682
158.303.02	50	6	846
158.303.03	100	6	1021
158.303.04	250	2	420
158.303.05	500	2	554
158.303.06	1000	2	781



ENQUIRE



Bumper guard for volumetric flask

Item Code	Capacity (ml)	N/S	Colour	Pack of	Price /Piece
127.202.01	5-25	10/19	Yellow	100	60
127.202.02	50-100	12/21	Green	100	85
127.202.03	200-250	14/23	Blue	100	151
127.202.04	500	19/26	Orange	100	218
127.202.05	1000	24/29	Red	50	284



ENQUIRE

**FUNNELS DESIGNED FOR
SEAMLESS TRANSFERS**



Funnels



Funnel

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- Complies with DIN ISO 4798 & USP standards
- With 60° bowl angle for precise fitting of filter paper

Item Code	Diameter (mm)	Pack of	Price /Piece
238.502.01*	25	10	128
238.502.02	35	10	163
238.502.03*	38	10	175
238.502.04*	40	10	175
238.502.05*	50	10	172
238.502.06	55	10	200
238.502.07*	64	10	212
238.502.08*	70	10	218
238.502.09	75	10	197
238.502.10*	80	10	248
238.502.11	100	10	261
238.502.12	125	10	621
238.502.13	150	10	659

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Funnel, Long stem

- With 60° bowl angle for precise fitting of filter paper
- Manufactured from chemical and heat resistant borosilicate glass
- Stem length approximately 150mm

Item Code	Dia (ml)	Stem O.D. (mm)	To suit filler paper dia (mm)	Pack of	Price /Piece
238.215.08	70	8	70-90	6	236
238.215.10	80	10	90-150	6	284
238.215.11A	105	10	150-185	6	327

3.3
BORO
GLASS



ENQUIRE

Funnel, Powder

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- With cone
- With drip tip

Item Code	N/S Size	Approx Funnel Dia. (mm)	Pack of	Price /Piece
238.202.01P	14/23	45	10	321
238.202.02P	14/23	70	10	417
238.202.03P	29/32	70	10	466
238.202.04P	29/32	80	10	556
238.202.05P	14/23	100	10	587
238.202.06P	29/32	100	10	635

3.3
BORO
GLASS



ENQUIRE



Funnel, Powder

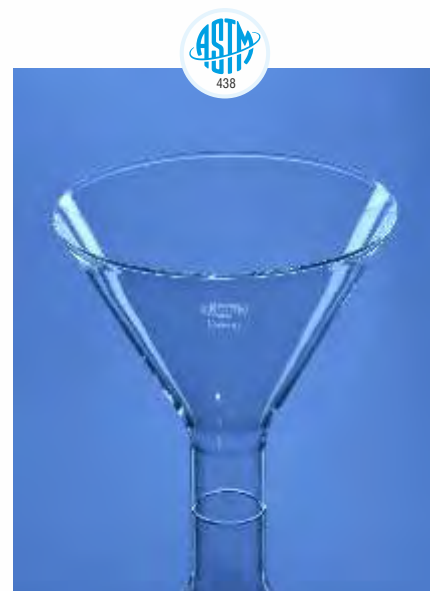
- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- With fire polished rim and stem

Item Code	Type	Material	Pack of	Price /Piece
238.404.06P	60	20	6	321
238.404.08P	80	25	6	357
238.404.10P	100	25	6	435
238.404.12P	125	30	2	537
238.404.15P	150	31	2	571

3.3
BORO
GLASS



ENQUIRE



Funnel, Analytical

- Made of Polypropylene

Item Code	Type	Pack of	Price /Pack
207.303.01	50mm, ID 50, Stem Length 50, PP	72	1289
207.303.02	62mm, ID 62, Stem Length 67, PP	36	787
207.303.03	75mm, ID 75, Stem Length 77, PP	36	787
207.303.04	100mm, ID 100, Stem Length 95, PP	36	1989
207.303.05	35mm, ID 35, Stem Length 37, PP	80	1149



ENQUIRE



Funnels



Funnel, Long Stem, Smooth Walls

- Made of Polypropylene
- 60° cone angle and external ribs to prevent air lock.
- Can also be steam autoclaved

Item Code	Size (mm) (OD)	I.D. (mm)	Stem Length (mm)	Pack of	Price /Pack
122.303.04	100	93	84	36	1026
122.303.05	150	148	110	12	1231



ENQUIRE



Funnel, Powder

- Made of Polypropylene
- Used for transferring powdered reagent
- Unique parallel stem minimizes bridging of powder
- Autoclavable at 120°C

Item Code	O.D. (mm)	I.D. (mm)	Stem Length (mm)	Pack of	Price /Pack
210.303.01	70	65	22	36	787
210.303.02	85	78	30	36	1114
210.303.03	107	100	33	36	2584
210.303.04	153	145	30	12	1621



ENQUIRE



Funnel, Industrial

- Made of Polypropylene
- Used for convenient filling of carboy's, drums & barrels

Item Code	Inner Dia (mm)	Pack of	Price /Pack
211.303.01	200	12	4736
211.303.02	250	6	3785



ENQUIRE

Graduated Imhoff Sedimentation Cone

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- With PP screw plug for easy draining

Item Code	Capacity (ml)	Pack of	Price /Piece
350.202.10	1000	1	4340

3.3
BORO
GLASS



ENQUIRE



Funnel, Buchner

- Made of Polypropylene
- Light weight
- Easy to clean & autoclavable
- Top portion snap fitted with the lower one forms a vacuum seal which requires no greasing
- Base of the top portion has perforated filter plate

Item Code	Size (mm) Inner Dia	Pack of	Price /Pack
123.303.01	70	12	3855
123.303.02	110	6	2432
123.303.03	90	6	2216



ENQUIRE



Funnels



Funnel, Buchner, Euro Design

- Made of Porcelain
- Temperature upto 1000°C

Item Code	Dia (mm) OD x H	Pack of	Price /Pack
527.303.10	20 x 64	10	2117
527.303.11	51 x 89	10	3313
527.303.12	67 x 110	6	2502
527.303.13	84 x 143	4	2414
527.303.14	105 x 160	2	1365
527.303.15	125 x 195	2	1580
527.303.16	142 x 202	1	1254



ENQUIRE



Funnel, Buchner, With Sintered/Fritted Disc

- Made from ASTM E 438 type-1, Class A Boro 3.3 glass
- With fire polished rim and stem

Item Code	Capacity (ml)	Disk Dia (mm)	Porosity	Pack of	Price /Piece
256.G00.01	35	30	0	2	829
256.G01.01	35	30	1	2	793
256.G02.01	35	30	2	2	758
256.G03.01	35	30	3	2	793
256.G04.01	35	30	4	2	758
256.G05.01	35	30	5	2	951
256.G00.02	80	40	0	2	1536
256.G01.02	80	40	1	2	1473
256.G02.02	80	40	2	2	1473
256.G03.02	80	40	3	2	1473
256.G04.02	80	40	4	2	1473
256.G05.02	80	40	5	2	1783
256.G00.03	200	65	0	2	2601
256.G01.03	200	65	1	2	2285
256.G02.03	200	65	2	2	2285
256.G03.03	200	65	3	2	2285
256.G04.03	200	65	4	2	2285
256.G05.03	200	65	5	2	2660
256.G00.04	500	90	0	2	6913
256.G01.04	500	90	1	2	5403
256.G02.04	500	90	2	2	5403
256.G03.04	500	90	3	2	5403
256.G04.04	500	90	4	2	5403
256.G05.04	500	90	5	2	7072
256.G00.05	1000	120	0	1	12925
256.G01.05	1000	120	1	1	10441
256.G02.05	1000	120	2	1	10441
256.G03.05	1000	120	3	1	10441
256.G04.05	1000	120	4	1	10441
256.G05.05	1000	120	5	1	13347

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE

Separating and Dropping Funnels are produced from ASTM E-438 TYPE-1 CLASS A BORO 3.3 heat resistant glass. All these Funnels are manufactures as per DIN ISO 4800 standard . The printing is done in white colour

Funnel, Separating, Squibb (Globe) Shape with Glass Stopcock

- Complies with ISO 4800 Standard
- Without Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
147.202.02	50	19/26	2.5	Solid Glass	1	1464
147.202.02A*	60	14/23	2.5	Solid Glass	1	1433
147.202.03	100	19/26	2.5	Solid Glass	1	1591
147.202.03A*	125	19/26	2.5	Solid Glass	1	1556
147.202.04	250	29/32	4	Solid Glass	1	1645
147.202.05	500	29/32	4	Solid Glass	1	2266
147.202.06	1000	29/32	6	Solid Glass	1	2965
147.202.07	2000	29/32	6	Solid Glass	1	5393

3.3
BORO
GLASS

 Chemical
Resistant

 WHITE
PRINTING



 GLASS

 PE



ENQUIRE

* Non DIN



Funnel, Separating, Squibb (Globe) Shape, with Glass Stopcock

- Complies with ISO 4800 Standard
- With Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
147.209.02	50	19/26	2.5	Solid Glass	1	1530
147.209.03	100	19/26	2.5	Solid Glass	1	1663
147.209.04	250	29/32	4	Solid Glass	1	1754
147.209.05	500	29/32	4	Solid Glass	1	2395
147.209.06	1000	29/32	6	Solid Glass	1	2817
147.209.07	2000	29/32	6	Solid Glass	1	5240

3.3
BORO
GLASS

 Chemical
Resistant

 WHITE
PRINTING



 GLASS

 PE



ENQUIRE



Funnels



Funnel, Separating, Squibb (Globe) Shape, With Needle valve Stopcock

- Complies with ISO 4800 Standards
- Without Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price /Piece
148.202.02	50	19/26	Needle Valve	1	1403
148.202.02A*	60	14/23	Needle Valve	1	1276
148.202.03	100	19/26	Needle Valve	1	1530
148.202.03A*	125	19/26	Needle Valve	1	1384
148.202.04	250	29/32	Needle Valve	1	1537
148.202.05	500	29/32	Needle Valve	1	2064
148.202.06	1000	29/32	Needle Valve	1	2709
148.202.07	2000	29/32	Needle Valve	1	4762

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

NEEDLE

PE



ENQUIRE

* Non DIN



Funnel, Separating, Squibb (Globe) Shape

- Complies with ISO 4800 Standards
- With Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price /Piece
148.209.02	50	19/26	Needle Valve	1	1464
148.209.03	100	19/26	Needle Valve	1	1633
148.209.04	250	29/32	Needle Valve	1	1597
148.209.05	500	29/32	Needle Valve	1	2359
148.209.06	1000	29/32	Needle Valve	1	2964
148.209.07	2000	29/32	Needle Valve	1	5244

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

NEEDLE

PE



ENQUIRE

Funnel, Separating, Squibb (Globe) shape With PTFE Stopcock

- Complies with ISO 4800 Standard
- Without Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Stopcock Type	Bore Size	Pack of	Price /Piece
149.202.02	50	19/26	PTFE	2.5	1	1778
149.202.02A*	60	14/23	PTFE	2.5	1	1778
149.202.03	100	19/26	PTFE	2.5	1	1863
149.202.03A*	125	19/26	PTFE	2.5	1	1807
149.202.04	250	29/32	PTFE	4	1	1980
149.202.05	500	29/32	PTFE	4	1	2576
149.202.06	1000	29/32	PTFE	6	1	3068
149.202.07	2000	29/32	PTFE	6	1	5713

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Squibb (Globe) shape With PTFE Stopcock

- Complies with ISO 4800 Standard
- With Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Stopcock Type	Bore Size	Pack of	Price /Piece
149.209.02	50	19/26	PTFE	2.5	1	1978
149.209.03	100	19/26	PTFE	2.5	1	2026
149.209.04	250	29/32	PTFE	4	1	2177
149.209.05	500	29/32	PTFE	4	1	2443
149.209.06	1000	29/32	PTFE	6	1	3405
149.209.07	2000	29/32	PTFE	6	1	5988

3.3
BORO
GLASS



ENQUIRE



Funnels



Funnel, Separating, Pear (ISO) Shape With Glass Stopcock

- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Stopcock Type	Bore Size	Pack of	Price /Piece
150.202.02	50	19/26	Solid Glass	2.5	1	1361
150.202.03	100	19/26	Solid Glass	2.5	1	1542
150.204.03A*	125	19/26	Solid Glass	2.5	1	1679
150.202.04	250	29/32	Solid Glass	4	1	1842
150.202.05	500	29/32	Solid Glass	4	1	2320
150.202.06	1000	29/32	Solid Glass	6	1	2925
150.202.07	2000	29/32	Solid Glass	6	1	4940

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Pear (ISO) Shape With Needle Valve Stopcock

- Complies with ISO 4800 Standard
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price /Piece
151.202.02	50	19/26	Needle Valve	1	1161
151.202.03	100	19/26	Needle Valve	1	1161
151.204.03A*	125	19/26	Needle Valve	1	1155
151.202.04	250	29/32	Needle Valve	1	1355
151.202.05	500	29/32	Needle Valve	1	1657
151.202.06	1000	29/32	Needle Valve	1	2455
151.202.07	2000	29/32	Needle Valve	1	4113

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Pear (ISO) Shape With PTFE Stopcock

- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
152.202.02	50	19/26	2.5	PTFE	1	1687
152.202.03	100	19/26	2.5	PTFE	1	1699
152.202.03A*	125	19/26	2.5	PTFE	1	1660
152.202.04	250	29/32	4	PTFE	1	1899
152.202.05	500	29/32	4	PTFE	1	2159
152.202.06	1000	29/32	6	PTFE	1	2817
152.202.07	2000	29/32	6	PTFE	1	5240

3.3
BORO
GLASS



ENQUIRE

* Non DIN

Funnel, Separating, Pear (ISO) shape With Glass Stopcock

- With PE Stopper
- With cone & stem

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
162.202.03	50	19/26	2.5	Solid Glass	1	986
162.202.05	100	19/26	2.5	Solid Glass	1	1101
162.204.06	250	29/32	4	Solid Glass	1	1361
162.204.08	500	29/32	4	Solid Glass	1	1706
162.204.11	1000	29/32	6	Solid Glass	1	2419

3.3
BORO
GLASS



ENQUIRE



Funnel, Separating, Pear (ISO) shape With Needle Valve Stopcock

- With PE Stopper
- With cone & stem
- Bore 0-3 mm

Item Code	Capacity (ml)	Socket & Cone N/S	Stopcock Type	Pack of	Price /Piece
163.202.03	50	19/26	Needle Valve	1	804
163.202.05	100	19/26	Needle Valve	1	950
163.204.06	250	29/32	Needle Valve	1	1198
163.204.08	500	29/32	Needle Valve	1	1633
163.204.11	1000	29/32	Needle Valve	1	2371

3.3
BORO
GLASS



ENQUIRE



Funnel, Separating, Pear (ISO) shape With PTFE Stopcock

- With PE Stopper
- With Cone & Stem

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
164.202.03	50	19/26	2.5	PTFE	1	1820
164.202.05	100	19/26	2.5	PTFE	1	1966
164.204.06	250	29/32	4	PTFE	1	2147
164.204.08	500	29/32	4	PTFE	1	2601
164.204.11	1000	29/32	6	PTFE	1	3623

3.3
BORO
GLASS



ENQUIRE



Funnels



Funnel, Separating, Pear (ISO) Shape With Glass Stopcock

• With stem inside cone

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
162.210.03	50	19/26	2.5	Solid Glass	1	1179
162.210.05	100	19/26	2.5	Solid Glass	1	1246
162.210.06	250	29/32	4	Solid Glass	1	1500
162.210.08	500	29/32	4	Solid Glass	1	1881
162.210.10	1000	29/32	6	Solid Glass	1	2595

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE

WITH CONE
& SOCKET



ENQUIRE



Funnel, Separating, Pear (SO) Shape With PTFE Stopcock

• With stem inside cone

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
164.210.03	50	19/26	2.5	PTFE	1	1972
164.210.05	100	19/26	2.5	PTFE	1	2123
164.210.06	250	29/32	4	PTFE	1	2292
164.210.08	500	29/32	4	PTFE	1	2770
164.210.10	1000	29/32	6	PTFE	1	3865

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PE

WITH CONE
& SOCKET



ENQUIRE

Funnel, Dropping, Gilson With Glass Stopcock

• With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
159.202.01	50	19/26	2.5	Solid Glass	1	1083
159.202.02	100	19/26	2.5	Solid Glass	1	1143
159.202.03	250	29/32	4	Solid Glass	1	1355
159.202.04	500	29/32	4	Solid Glass	1	1518
159.202.05	1000	29/32	6	Solid Glass	1	2171
159.202.06	2000	29/32	6	Solid Glass	1	2976

3.3
BORO
GLASS


Chemical
Resistant


WHITE
PRINTING


GLASS


PE



ENQUIRE



Funnel, Dropping, Gilson With PTFE Stopcock

• With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
160.202.01	50	19/26	2.5	PTFE	1	1627
160.202.02	100	19/26	2.5	PTFE	1	1681
160.202.03	250	29/32	4	PTFE	1	1736
160.202.04	500	29/32	4	PTFE	1	2002
160.202.05	1000	29/32	6	PTFE	1	2933
160.202.06	2000	29/32	6	PTFE	1	4016

3.3
BORO
GLASS


Chemical
Resistant


WHITE
PRINTING


PE



ENQUIRE



Funnels



Funnel, Dropping, Cylindrical With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
154.203.02	50	14/23	2.5	Solid Glass	1	1093
154.204.02*	50	29/32	2.5	Solid Glass	1	1064
154.203.03	100	14/23	2.5	Solid Glass	1	1270
154.204.03*	100	29/32	2.5	Solid Glass	1	1270
154.202.04	250	29/32	4	Solid Glass	1	1464
154.202.05	500	29/32	4	Solid Glass	1	1972
154.202.06	1000	29/32	6	Solid Glass	1	3054

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE



ENQUIRE

* Non DIN



Funnel, Dropping, Cylindrical With Needle Valve Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with ISO 4800 Standard
- Available with PE Stopper
- Bore 0-3mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price /Piece
156.203.02	50	14/23	Needle Valve	1	925
156.204.02*	50	29/32	Needle Valve	1	1010
156.203.03	100	14/32	Needle Valve	1	1022
156.204.03*	100	29/32	Needle Valve	1	1107
156.202.04	250	29/32	Needle Valve	1	1210
156.202.05	500	29/32	Needle Valve	1	2081
156.202.06	1000	29/32	Needle Valve	1	2849

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

NEEDLE

PE



ENQUIRE

* Non DIN



Funnel, Dropping, Cylindrical With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
158.203.02	50	14/23	2.5	PTFE	1	1651
158.204.02*	50	29/32	2.5	PTFE	1	1778
158.203.03	100	14/23	2.5	PTFE	1	1772
158.204.03*	100	29/32	2.5	PTFE	1	1869
158.202.04	250	29/32	4	PTFE	1	1851
158.202.05	500	29/32	4	PTFE	1	2316
158.202.06	1000	29/32	6	PTFE	1	2802

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PE



ENQUIRE

* Non DIN

Funnel, Separating, Cylindrical With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with DIN 4800 Standards
- With PE Stopper
- With Cone & Stem

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
165.202.02	50	14/23	2.5	Solid Glass	1	974
165.202.02A*	50	29/32	2.5	Solid Glass	1	986
165.202.03	100	14/23	2.5	Solid Glass	1	1010
165.202.03A*	100	29/32	2.5	Solid Glass	1	1125
165.202.05A	250	29/32	4	Solid Glass	1	1373
165.202.06A	500	29/32	4	Solid Glass	1	1796
165.202.07A	1000	29/32	6	Solid Glass	1	2722

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Cylindrical With Needle Valve Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with DIN 4800 Standards
- With PE Stopper
- With cone & stem

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of	Price /Piece
166.202.02	50	14/23	Needle Valve	1	859
166.202.02A*	50	29/32	Needle Valve	1	859
166.202.03	100	14/32	Needle Valve	1	883
166.202.03A*	100	29/32	Needle Valve	1	1010
166.202.05A	250	29/32	Needle Valve	1	1276
166.202.06A	500	29/32	Needle Valve	1	1808
166.202.07A	1000	29/32	Needle Valve	1	3115

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Cylindrical With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with DIN 4800 Standards
- With PE Stopper
- With cone & stem

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
167.202.02	50	14/23	2.5	PTFE	1	1699
167.202.02A*	50	29/32	2.5	PTFE	1	1754
167.202.03	100	14/32	2.5	PTFE	1	1802
167.202.03A*	100	29/32	2.5	PTFE	1	1923
167.202.05A	250	29/32	4	PTFE	1	2105
167.202.06A	500	29/32	4	PTFE	1	2474
167.202.07A	1000	29/32	6	PTFE	1	4004

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnels



Funnel, Dropping, Cylindrical, Graduated With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone
- Complies with DIN 4800 Standards
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
165.210.02	50	14/23	2.5	Solid Glass	1	1143
165.210.02A*	50	29/32	2.5	Solid Glass	1	1179
165.210.03	100	14/23	2.5	Solid Glass	1	1198
165.210.03A*	100	29/32	2.5	Solid Glass	1	1282
165.210.05	250	29/32	4	Solid Glass	1	1524
165.210.06	500	29/32	4	Solid Glass	1	1954
165.210.07	1000	29/32	6	Solid Glass	1	2909

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN



Funnel, Dropping, Cylindrical, Graduated With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone
- Designed from DIN 4800 Standards
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
167.210.02	50	14/23	2.5	PTFE	1	1845
167.210.02A*	50	29/32	2.5	PTFE	1	1905
167.210.03	100	14/32	2.5	PTFE	1	1947
167.210.03A*	100	29/32	2.5	PTFE	1	2056
167.210.05	250	29/32	4	PTFE	1	2274
167.210.06	500	29/32	4	PTFE	1	2643
167.210.07	1000	29/32	6	PTFE	1	4119

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN



Funnels, Pressure Equalizing, Pear Shape

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
171.202.01	50	14/23	2.5	PTFE	1	3205
171.202.02A	100	14/23	2.5	PTFE	1	3526
171.202.04A	250	29/32	4	PTFE	1	3738
171.202.05A	500	29/32	4	PTFE	1	4482

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

WITH CONE
& SOCKET



ENQUIRE

Funnels, Pressure Equalizing, Pear Shape

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore Size	Stopcock Type	Pack of	Price /Piece
170.202.01	50	14/23	2.5	Solid Glass	1	1929
170.202.02A	100	14/23	2.5	Solid Glass	1	2002
170.202.04A	250	29/32	4	Solid Glass	1	2117
170.202.05A	500	29/32	4	Solid Glass	1	3472

3.3
BORO
GLASS



ENQUIRE



Funnel, Pressure Equalizing, Cylindrical

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of	Price /Piece
168.202.01	50	14/23	2.5	Solid Glass	1	2135
168.202.01A	50	29/32	2.5	Solid Glass	1	2256
168.202.02A	100	14/23	2.5	Solid Glass	1	2256
168.202.03A	100	29/32	2.5	Solid Glass	1	2431
168.202.04A	250	29/32	4	Solid Glass	1	2431
168.202.05A	500	29/32	4	Solid Glass	1	3308

3.3
BORO
GLASS



ENQUIRE



Funnels



Funnel, Pressure Equalizing, Cylindrical

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore Size	Stopcock Type	Pack of	Price /Piece
169.202.01	50	14/23	2.5	PTFE	1	2897
169.202.01A	50	29/32	2.5	PTFE	1	3097
169.202.02A	100	14/32	2.5	PTFE	1	3127
169.202.03A	100	29/32	2.5	PTFE	1	3387
169.202.04A	250	29/32	4	PTFE	1	3387
169.202.05A	500	29/32	4	PTFE	1	4046

3.3
BORO
GLASS



ENQUIRE



Funnel, Separatory

- Made of Polypropylene
- Provides excellent contact clarity & Strength
- Is per shaped & autoclavable
- Has leakproof screw cap threaded
- PP stopcock fit ted with self lubricating PTFE plug, is push fitted to the stem of funnels

Item Code	Capacity (ml)	Pack of	Price ₹/Pack
181.303.01	100	2	945
181.303.02	250	2	1260
181.303.03	500	2	1580



ENQUIRE

Funnel, Separatory, Holder

- Made of Polypropylene
- Non-corrosive front opening provides clear view of the solution, Allows unobstructed placement of separating funnels
- Two tapped wedges ensures firm grip on rods having dia ½" or 3/5"

Item Code	Type	Pack of	Price /Pack
114.303.01	Separator Funnel Holder	12	3441



ENQUIRE



Funnel, Holder

- Made of Polypropylene
- Are corrosion free
- Can hold funnels with dia 3" to 6"
- Extra plate provided can be placed to hold funnels bearing dia 1" to 3"
- Two tapered wedges ensure firm grip on Rods having dia 1/2" or 3/8"

Item Code	Type	Pack of	Price ₹/Pack
113.303.01	Funnel Holder	12	1120



ENQUIRE





Socket, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price ₹/Piece
001.202.02	10/19	13	120±10	10	222
001.202.03	12/21	16	120±10	10	251
001.202.04	14/23	18	120±10	10	286
001.202.05	19/26	22	125±10	10	291
001.202.06	24/29	28	135±10	10	360
001.202.07	29/32	32	135±10	10	443
001.202.08	34/35	38	150±10	10	621
001.202.09*	40/38	45	150±10	10	758
001.202.10	45/40	50	150±10	10	975
001.202.11*	50/42	55	150±10	10	1113
001.202.12*	55/44	60	150±10	10	1379

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Cone, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price ₹/Piece
002.202.02	10/19	8	120±10	10	212
002.202.03	12/21	9	120±10	10	222
002.202.04	14/23	13	120±10	10	241
002.202.05	19/26	16	125±10	10	291
002.202.06	24/29	22	135±10	10	350
002.202.07	29/32	26	135±10	10	443
002.202.08	34/35	30	150±10	10	621
002.202.09*	40/38	36	150±10	10	709
002.202.10	45/40	40	150±10	10	847
002.202.11*	50/42	45	150±10	10	975
002.202.12*	55/44	50	150±10	10	1152

3.3
BORO
GLASS



* Non DIN



ENQUIRE

Cone, With drip tip, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price ₹/Piece
003.202.03	12/21	9	120±10	10	157
003.202.04	14/23	13	120±10	10	163
003.202.05	19/26	16	120±10	10	181
003.202.06	24/29	22	150±15	10	212
003.202.07	29/32	26	150±15	10	314
003.202.08	34/35	30	150±15	10	417
003.202.09*	40/38	36	150±15	10	575
003.202.10	45/40	40	150±15	10	726
003.202.11*	50/42	45	150±15	10	883
003.202.12*	55/44	50	150±15	10	1234

3.3
BORO
GLASS

* Non DIN



ENQUIRE



Socket, Double

• Complies with DIN 12249 standard

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of	Price ₹/Piece
006.202.02*	10/19	14	135±2	10	360
006.202.03	14/23	18	135±2	10	493
006.202.04	19/26	22	140±2	10	552
006.202.05	24/29	28	170±5	10	621
006.202.06	29/32	32	170±5	10	749
006.202.07	34/35	38	180±5	10	1024

3.3
BORO
GLASS

* Non DIN



ENQUIRE





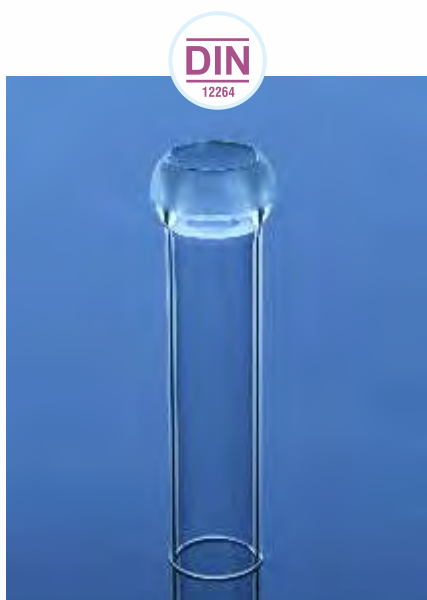
Keck Clips for Joints

- Chemical resistant
- Autoclavable to max. temperature of 135°C.

Item Code	N/S	Colour	Pack of	Price ₹/Piece
007.204.03	14/23	Yellow	100	85
007.204.04	19/26	Blue	100	85
007.204.05	24/29	Green	100	94
007.204.06	29/32	Red	100	94



ENQUIRE



Spherical Joint, Ball

- Complies with DIN 12264 standard
- Can be used for Connection upto 15°, higher angle reduces the tightness of connections, easy detachable.
- Standard joints are used for further processing.

Item Code	Cup Joint (Male)	Code Approx. Bore	Minimum Shank Length (mm)	Pack of	Price ₹/Piece
008.202.02	S13	5	100	10	381
008.202.03	S19	9	100	10	429
008.202.04	S29	15	100	10	575
008.202.05	S35	19	100	10	768
008.202.06	S41	27	100	10	1337

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Spherical Joint, Cup

- Complies with DIN 12264 standard

Item Code	Cup Joint (Male)	Code Approx. Bore	Minimum Shank Length (mm)	Pack of	Price ₹/Piece
009.202.02	S13	5	100	10	381
009.202.03	S19	9	100	10	429
009.202.04	S29	15	100	10	575
009.202.05	S35	19	100	10	768
009.202.06	S41	27	100	10	1337

3.3
BORO
GLASS



* Non DIN



ENQUIRE

Metal clamp for spherical joint clips

Item Code	Socket Size	Pack of	Price ₹/Pack
010.202.01	JOINTS CLIPS METAL S13	10	1955
010.202.02	JOINTS CLIPS METAL S19	10	3456
010.202.03	JOINTS CLIPS METAL S29	10	4072
010.202.04	JOINTS CLIPS METAL S35	10	4450
010.202.05	JOINTS CLIPS METAL S41	10	6383


[ENQUIRE](#)


Gloves, Laboratory

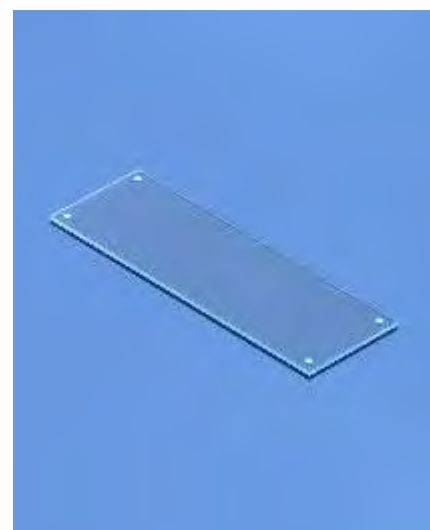
• Made of Nitrile

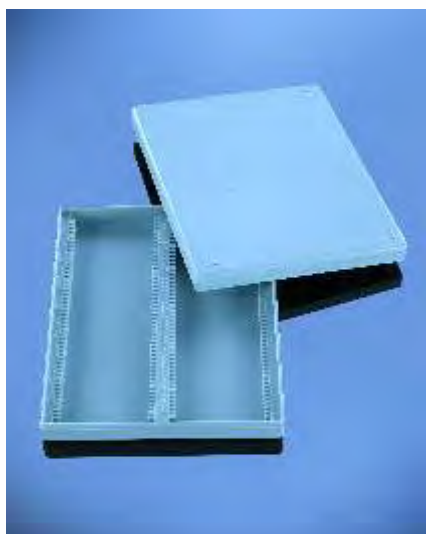
Item Code	Size (mm)	Pack of	Price ₹/Pack
505.303.07	Small	50 Pairs	1131
505.303.08	Medium	50 Pairs	1131
505.303.09	Large	50 Pairs	1131


[ENQUIRE](#)


Microscopic Slides

Item Code	Size (mm)	Pack of	Price ₹/Pack
565.303.01	Ground edges, Plain 76/26	50	136
565.303.02	Ground edges, Double sides frosted	50	241


[ENQUIRE](#)




Box, Slide

- Made of Polystyrene
- Durable, compact & provide utmost protection to 1" x 3' slides
- Heavy walls will not warp, splinter or crack
- Boxes are unaffected by humidity and are thoroughly insect proof

Item Code	Quantity	Pack of	Price ₹/Pack
129.303.01	25 Slides	12	1336
129.303.02	50 Slides	12	2280
129.303.03	100 Slides	6	2280



ENQUIRE



Cover Glass

- Comes in 0.13 - 0.17 mm Thickness

Item Code	Size	Pack of	Price ₹/Pack
566.303.01	18 x 18	50	92
566.303.02	20 x 20	50	92
566.303.03	22 x 22	50	92
566.303.04	24 x 24	50	178
566.303.05	22 x 32	50	265
566.303.06	24 x 60	50	329



DURABLE



ENQUIRE



Soft Loop Sterile

- Made of Polystyrene

Item Code	Capacity	Pack of	Price ₹/Pack
202.303.01	1ul (Soft Loopes) Red	100	712
202.303.02	10ul (Soft Loopes) Yellow	100	712



PS



ENQUIRE

Stirrer

- Made of Polypropylene
- Useful for stirring different solutions in the laboratory
- Are tough and long lasting

Item Code	Dia. (mm)	Length (mm)	Pack of	Price ₹/Pack
193.303.01	6	150	12	169
193.303.02	7	200	12	292
193.303.03	7	250	12	344
193.303.04	7	300	12	408
193.303.05	10	250	12	408



ENQUIRE

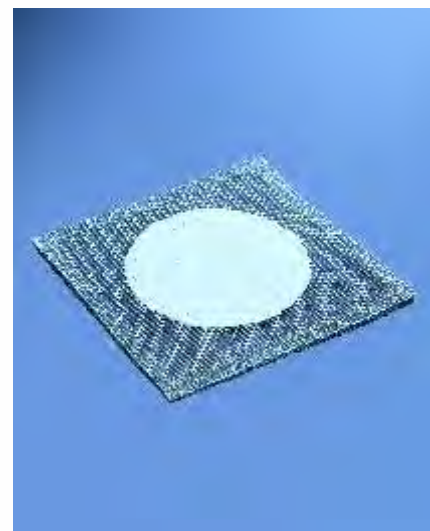
**Wire Gauge**

- Ceramic Center
- Goes Upto 800°C

Item Code	Size (mm)	Pack of	Price ₹/Pack
524.303.01	100 x 100	10	805
524.303.02	125 x 125	10	945
524.303.03	150 x 150	10	1015
524.303.04	200 x 200	10	1411



ENQUIRE

**Weighing Scoops**

- Open tubular arm
- Suitable for weighing small quantities of dyes or powders

Item Code	Size (mm)	Pack of	Price ₹/Piece
245.202.00	0.5	10	345
245.202.00A	1	10	305
245.202.00B	2	10	305
245.202.01	3	10	246
245.202.02	6	10	325
245.202.03	10	10	369

3.3
BORO
GLASS

ENQUIRE





Glass Stirrer

- Ideal for very sensitive samples
- Made from polished 3.3 borosilicate glass

Item Code	O.D. x Length (mm)	Quantity	Price ₹/Piece
090.202.02	7 x 150	20	39
090.202.02A	7 x 205	20	50
090.202.02B	7 x 255	20	50
090.202.02C	7 x 305	20	79
090.202.04	9 x 150	20	50
090.202.04A	9 x 205	20	79
090.202.04B	9 x 255	20	90
090.202.04C	9 x 305	20	90

3.3
BORO
GLASS



ENQUIRE



Boxes, Storage

- Made of polypropylene
- Prove to be an excellent option for storage of different powdered reagents & other material in the laboratory
- Square shape of these boxes help in saving shelf space
- Autoclavable
- Provide good chemical resistance & heavy duty service

Item Code	Size (ml)	Pack of	Price ₹/Pack
189.303.01	250	12	840
189.303.02	500	12	1061
189.303.03	1000	12	1394



Chemical
Resistant



ENQUIRE



Jars, Specimen

- Made from Soda glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground
- Not recommended for use over a direct flame or on a hot plate
- Covers are made from Soda glass

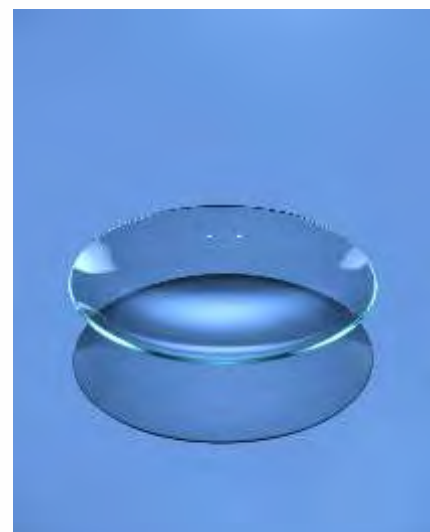
Item Code	Approx Quantity L X B X H (mm)	Pack of	Price ₹/Piece
208.303.03	210X170X130	1	3441
208.303.04	220X140X140	1	3441
208.303.05	225X225X125	1	5510
208.303.06	250X250X150	1	7028
208.303.07	215X100X140	1	3745
208.303.08	200X120X120	1	4044
208.303.09	360X150X100	1	7128



ENQUIRE

Watch Glass, Soda Glass

Item Code	Size (mm)	Pack of	Price ₹/Pack
564.303.07	50	10	356
564.303.08	65	10	420
564.303.09	75	10	566
564.303.10	100	10	1385
564.303.11	125	10	1488
564.303.12	150	10	2001


[ENQUIRE](#)


Parafilm M Dispenser

- Made of Acrylic
- Used for storing, dispensing and cutting Parafilm® M
- Can hold both 2" & 4" rolls, Tapes & labels
- Can be easily cut through super sharp serrated blades
- Openable top lid allow easy filling into the dispenser

Item Code	Size (mm)	Pack of	Price ₹/Piece
250.303.01	180 x 120 x 160	1	3832



SPACE
SAVER


[ENQUIRE](#)


Natural Rubber Cones:

Item Code	Size of Flask (mm)	Pack of	Price ₹/Pack
404.303.01	250	4	484
404.303.02	500	4	484
404.303.03	1000	4	822
404.303.04	2000	4	822
404.303.05	5000	4	1003
404.303.06	10000	4	1790



NATURAL


[ENQUIRE](#)




Silicon Rubber Cones:

Item Code	Size of Flask (mm)	Pack of	Price ₹/Pack
404.363.01	250	4	1580
404.363.02	500	4	1580
404.363.03	1000	4	2794
404.363.04	2000	4	2794
404.363.05	5000	4	3581
404.363.06	10000	4	4823

SiO₂



ENQUIRE

Item Code	Description	Pack of	
355.502.01	Both end open Melting point capillary 5" long 1/100, 125mm	1 Vial	339
356.202.01	Plano Haemometer	1 Pcs	6374
357.202.01	Haemocytometer Standerd with WBC & RBC PPT.	1 Set	6477
358.202.01	Neubauer Counting Chamber Standard	1 Pcs	5498
359.202.01	SQUARE TUBES: Manufactured from borosilicate glass tubing • Capacity: 14.5 & 17Gram Use for to Measure Hemoglobin Percentage in Blood • Manufactured as per I.S.I.Specification.	1 Pcs	381
360.202.01	ZERO ERROR 20CMM PIPETTE (HB PIPETTE) • Manufacured by borosilicate Glass Attached with Silicon Rubber Tubing • Piece Approximate (Length 6" O.D.6 mmX 1mm Wall thickness) • Manufactured as per I.S.I.Specification	1 Pcs	187
361.502.01	DROPPER: Made of Glass with Rubber Bung	1 Pcs	42
362.202.01	ESRITE PIPETTE: Packing Size 1 Pk (Contain 10 Pcs & 5 Pcs) • Made of Borosilicate Glass. • To be used for Erythrocyte Sedimentation Rate. • Available in two different types i.e. One End Ground & Other One is Graduated with Printed scale • Autoclavable	1 Pcs	284
363.502.01	WESTERN GREEN PIPETTE: 1 Pck Consist 10Pcs. • Made of Borosilicate Glass. • Graduaction Printed on glass tubing. • One End Graduated to be use for Erythrocyte Sedimentation Rate. • Manufactured as per I.S.I. Specification • Autoclvable	1 Pcs	260
364.202.01	W.G. Apparatus (E.S.R.) Powder Coated (6 Tube) • Made of Aluminium with Powder Coated for 6 ESR.	1 Pcs	3423
365.202.01	W.B.C. PIPETTE: • Made of Borosilicate Glass. With Rubber Tubing attach with Mouth Piece individually pack	1 Pcs	369
366.202.01	R.B.C. PIPETTE: • Made of Borosilicate Glass. With Rubber Tubing attach with Mouth Piece individually pack	1 Pcs	369
367.202.01	NON HEPERNISED CAPILLARY 1/100, 75MM	1 Vial	242

Variable Micropipette, High Performance Micro Volume Pipette, Single Channel

- Fully autoclavable & UV resistance
- Ergonomic Design ensuring light weight & soft plunger movement.
- Two step plunger operation allows "reverse pipetting technique".
- Calibration as per DIN 12650 & EN-ISO 8655 standards.
- High accuracy and precision guaranteed.
- Individual serial No. permanently marked on each pipette.
- Calibration report enclosed with every pipette.
- Color coded for easy identification

Item Code	Volume Range (µl)	Variable Increment (µl)	Colour	Pack of	Price ₹/Pack
500.303.01	0.1 - 2.5	0.01		1	6707
500.303.02	0.5 - 10	0.1		1	6537
500.303.03	2 - 20	0.1		1	6537
500.303.04	5 - 50	0.5		1	6537
500.303.05	10 - 100	0.5		1	6537
500.303.06	50 - 200	1.0		1	6707
500.303.07	20 - 200	1.0		1	6537
500.303.08	100 - 1000	5.0		1	6537
500.303.09	200 - 1000	5.0		1	6707
500.303.10	500 - 5000	50.0		1	6537
500.303.11	1000 - 5000	50.0		1	6707
500.303.12	500 - 10000	100.0		1	6707
500.303.13	1000 - 10000	100.0		1	6537



ENQUIRE



Fixed Micropipette

Item Code	Volume Range (µl)	Colour	Pack of	Price ₹/Pack
501.303.01	2.5		1	4662
501.303.02	5		1	4662
501.303.03	10		1	4662
501.303.04	20		1	4662
501.303.05	25		1	4662
501.303.06	50		1	4662
501.303.07	100		1	4662
501.303.08	200		1	4662
501.303.09	250		1	4662
501.303.10	500		1	4662
501.303.11	1000		1	4662
501.303.12	2000		1	4782
501.303.13	5000		1	4662
501.303.14	10000		1	4662



ENQUIRE





High Performance Micro Volume Pipette, Multi Channel

- Fully autoclavable.
- UV resistance.
- Ergonomic Design ensuring light weight & soft plunger movement.
- Two step plunger operation allows "reverse pipetting technique".
- Calibration as per DIN 12650 & EN-ISO 8655 standards.
- High accuracy and precision guaranteed.
- Individual serial No. permanently marked on each pipette.
- Calibration report enclosed with every pipette.
- Color coded for easy identification.
- Manifold can rotate 360° to allow convenient pipetting angle.
- One hand tip ejection.

Eight Channel Micropipette

Item Code	Volume Range (µl)	Variable Increment (µl)	Colour	Pack of	Price ₹/Pack
500.303.14	0.5 - 10	0.1	Blue	1	38426
500.303.15	5 - 50	0.5	Red	1	38426
500.303.16	10 - 100	0.5	Orange	1	38426
500.303.17	20 - 200	0.5	Yellow	1	38426
500.303.18	30 - 300	1.0	Green	1	38426



ENQUIRE



Twelve Channel Micropipette

Item Code	Volume Range (µl)	Variable Increment (µl)	Colour	Pack of	Price ₹/Pack
500.303.19	0.5 - 10	0.1	Blue	1	42753
500.303.20	5 - 50	0.5	Red	1	42753
500.303.21	10 - 100	0.5	Orange	1	42753
500.303.22	20 - 200	0.5	Yellow	1	42753
500.303.23	30 - 300	1.0	Green	1	42753



ENQUIRE

Universal Graduated Tips

Bulk Pack :

- Packed in Polyethylene bag with easy tearing.
- Perforation & Zip lock - Double sealing provides better protection against contamination and spillage while in use
- Free DNase, RNase, Human DNA, Pyrogen & PCR inhibitor
- All Micropipettes come in 1000 Pcs.

10 µl Universal Graduated Tips, 1000 Tips per pack					
Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.10.B	-	-	-	1000	671
500.10.S.B	✓	-	-	1000	886
500.10.F.B	-	-	✓	1000	3132
500.10.S.L.B	✓	✓	-	1000	1219
500.10.S.F.B	✓	-	✓	1000	3540
500.10.S.L.F.B	✓	✓	✓	1000	3633


[ENQUIRE](#)

10 µl Long Universal Graduated Tips, 1000 Tips per pack					
Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.10XL.B	-	-	-	1000	671
500.10XL.S.B	✓	-	-	1000	886
500.10XL.F.B	-	-	✓	1000	3132
500.10XL.S.L.B	✓	✓	-	1000	1219
500.10XL.S.F.B	✓	-	✓	1000	3540
500.10XL.S.L.F.B	✓	✓	✓	1000	3633


[ENQUIRE](#)

20 µl Universal Graduated Tips, 1000 Tips per pack				
Item Code	Sterile	Low Retention	Filter	Price ₹/Pack
500.20.F.B	-	-	✓	3132
500.20.S.F.B	✓	-	✓	3418
500.20.S.L.F.B	✓	✓	✓	3633


[ENQUIRE](#)


Liquid Handling



50 µl Universal Graduated Tips, 1000 Tips per pack					
Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.50.F.B	-	-	✓	1000	3132
500.50.S.F.B	✓	-	✓	1000	3418
500.50.S.L.F.B	✓	✓	✓	1000	3633



ENQUIRE



Bulk Pack:

100 µl Universal Graduated Tips, 1000 Tips per pack					
Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.100.F.B	-	-	✓	1000	3132
500.100.S.F.B	✓	-	✓	1000	3418
500.100.S.L.F.B	✓	✓	✓	1000	3633



ENQUIRE



200 µl Universal Graduated Tips, 1000 Tips per pack					
Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.200.B	-	-	-	1000	618
500.200.S.B	✓	-	-	1000	886
500.200.F.B	-	-	✓	1000	3132
500.200.S.L.B	✓	✓	-	1000	1219
500.200.S.F.B	✓	-	✓	1000	3418
500.200.S.L.F.B	✓	✓	✓	1000	3633



ENQUIRE

1000 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.1000.B	-	-	-	1000	927
500.1000.S.B	✓	-	-	1000	1330
500.1000.F.B	-	-	✓	1000	3902
500.1000.S.L.B	✓	✓	-	1000	1925
500.1000.S.F.B	✓	-	✓	1000	4164
500.1000.S.L.F.B	✓	✓	✓	1000	4806



ENQUIRE



1250 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.1000XL.B	-	-	-	1000	927
500.1000XL.S.B	✓	-	-	1000	1330
500.1000XL.F.B	-	-	✓	1000	3902
500.1000XL.S.L.B	✓	✓	-	1000	1925
500.1000XL.S.F.B	✓	-	✓	1000	4164
500.1000XL.S.L.F.B	✓	✓	✓	1000	4806

Item Code	Tip Vol. (µl)	Sterile	Low Retention	Filter	Pack of	Price ₹/Pack
500.303.05	5000	-	-	-	100	6537
500.303.06	10000	-	-	-	100	6707



ENQUIRE



ENQUIRE



Pipette Stand, Acrylic

Item Code	Capacity	Pack of	Price ₹/Pack
590.303.01	1 Pipette	1000	1977
590.303.02	4 Pipette	1000	2706
590.303.03	6 Pipette	1000	3184



ENQUIRE





Rack

- Fully autoclavable & Stackable
- Hinge rack allows single hand operation
- Color coded tray for Easy identification
- Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor

Item Code	Tips Volume (μl)	Description (1 Box Consist of) TipsxRacks	Sterile	Low Retention	Filter	Pack	Price ₹ /Box
500.10.R	10	96 x 10	-	-	-	1	On Request
500.10.S.R	10	96 x 10	✓	-	-	1	On Request
500.10.F.R	10	96 x 10	-	-	✓	1	On Request
500.10.S.L.R	10	96 x 10	✓	✓	-	1	On Request
500.10.S.F.R	10	96 x 10	✓	-	✓	1	On Request
500.10.S.L.F.R	10	96 x 10	✓	✓	✓	1	On Request
500.10XL.R	10 (Long)	96 x 10	-	-	-	1	On Request
500.10XL.S.R	10 (Long)	96 x 10	✓	-	-	1	On Request
500.10XL.F.R	10 (Long)	96 x 10	-	-	✓	1	On Request
500.10XL.S.L.R	10 (Long)	96 x 10	✓	✓	-	1	On Request
500.10XL.S.F.R	10 (Long)	96 x 10	✓	-	✓	1	On Request
500.10XL.S.L.F.R	10 (Long)	96 x 10	✓	✓	✓	1	On Request
500.20.F.R	20	96 x 10	-	-	✓	1	On Request
500.20.S.F.R	20	96 x 10	✓	-	✓	1	On Request
500.20.S.L.F.R	20	96 x 10	✓	✓	✓	1	On Request
500.50.F.R	50	96 x 10	-	-	✓	1	On Request
500.50.S.F.R	50	96 x 10	✓	-	✓	1	On Request
500.50.S.L.F.R	50	96 x 10	✓	✓	✓	1	On Request
500.100.F.R	100	96 x 10	-	-	✓	1	On Request
500.100.S.F.R	100	96 x 10	✓	-	✓	1	On Request
500.100.S.L.F.R	100	96 x 10	✓	✓	✓	1	On Request
500.200.R	200	96 x 10	-	-	-	1	On Request
500.200.S.R	200	96 x 10	✓	-	-	1	On Request
500.200.F.R	200	96 x 10	-	-	✓	1	On Request
500.200.S.L.R	200	96 x 10	✓	✓	-	1	On Request
500.200.S.F.R	200	96 x 10	✓	-	✓	1	On Request
500.200.S.L.F.R	200	96 x 10	✓	✓	✓	1	On Request
500.1000.R	1000	96 x 10	-	-	-	1	On Request
500.1000.S.R	1000	96 x 6	✓	-	-	1	On Request
500.1000.F.R	1000	96 x 6	-	-	✓	1	On Request
500.1000.S.L.R	1000	96 x 6	✓	✓	-	1	On Request
500.1000.S.F.R	1000	96 x 6	✓	-	✓	1	On Request
500.1000.S.L.F.R	1000	96 x 6	✓	✓	✓	1	On Request
500.1000XL.R	1250	96 x 6	-	-	-	1	On Request
500.1000XL.S.R	1250	96 x 6	✓	-	-	1	On Request
500.1000XL.F.R	1250	96 x 6	-	-	✓	1	On Request
500.1000XL.S.L.R	1250	96 x 6	✓	✓	-	1	On Request
500.1000XL.S.F.R	1250	96 x 6	✓	-	✓	1	On Request
500.1000XL.S.L.F.R	1250	96 x 6	✓	✓	✓	1	On Request

Autoclavable

Stackable



ENQUIRE

Reloading Tray

- Reload rack with minimal efforts
- Tips pre- arranged in 8x12 format
- Minimal wastage
- Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor

Item Code	Tips Volume (µl)	Description (1 Box Consist of)	Sterile	Low Retention	Pack of	Price ₹ /Box
500.10.K	10	96 Tips x 10 Racks	-	-	1	On Request
500.10.S.K	10	96 Tips x 10 Racks	✓	-	1	On Request
500.10.S.L.K	10	96 Tips x 10 Racks	✓	✓	1	On Request
500.200.K	200	96 Tips x 10 Racks	-	-	1	On Request
500.200.S.K	200	96 Tips x 10 Racks	✓	-	1	On Request
500.200.S.L.K	200	96 Tips x 10 Racks	✓	✓	1	On Request
500.1000.K	1000	96 Tips x 5 Racks	-	-	1	On Request
500.1000.S.K	1000	96 Tips x 5 Racks	✓	-	1	On Request
500.1000.S.L.K	1000	96 Tips x 5 Racks	✓	✓	1	On Request
500.1000XL.K	1250	96 Tips x 6 Racks	-	-	1	On Request
500.1000XL.S.K	1250	96 Tips x 6 Racks	✓	-	1	On Request
500.1000XL.S.L.K	1250	96 Tips x 6 Racks	✓	✓	1	On Request


[ENQUIRE](#)


Tips Empty Racks

Item Code	Capacity (ml)	Pack of	Price ₹/Box
500.10.E.R	Tip rack empty for 10µl tips	1	On Request
500.200.E.R	Tip rack empty for 200µl tips	1	On Request
500.1000.E.R	Tip rack empty for 1000µl tips	1	On Request
500.1000XL.E.R	Tip rack empty for 1250µl tips	1	On Request

Autoclavable

Stackable


[ENQUIRE](#)



GLASSCO BOTTLE TOP DISPENSER

With Re-Circulation Valve

- Fully autoclavable at 121°C , 15 psi for 10-15 mins.
- "CE" mark awarded.
- Smooth & soft plunger for ease of working.
- Highly robust and reliable dispensing technique.
- It has re-circulation valve for re-directing the liquid into the bottle for bubble free dispensing without any loss of reagent.
- Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions. 180° Rotation for easy & effortless volume setting.
- Specially designed adapter allows 360° rotation, providing full flexibility in working.
- Specially designed, springless, PTFE valve manifold ensures high chemical compatibility and jamming free valve functioning.
- PTFE Piston with ETP O-Ring ensures very high chemical compatibility & wiper like smooth, effortless piston movement.
- Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes : 28,30,32,36,40 & 45 mm.
- Calibration as per ISO 8655 standards.

Specifications & Ordering Information

			ISO 8655 Specifications						Glassco Specification			
Model No.	Vol. Range	Increment	CV ±% ±ml		CV ±% ±ml		Accuracy ±% ±ml		CV ±% ±ml		Pack of	Price ₹/Piece
500.444.01	0.25-2.5 ml	0.5 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1	26136
500.444.02	0.5-5 ml	0.1 ml	0.5	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1	26136
500.444.03	1-10 ml	0.2 ml	0.5	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1	26136
500.444.04	2.5-30 ml	0.5 ml	0.5	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1	35397
500.444.05	5-60 ml	1.0 ml	0.5	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1	37136
500.444.06	10-100 ml	2.0 ml	0.5	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1	54027



ENQUIRE

GLASSCO BOTTLE TOP DISPENSER

Without Re-Circulation Valve

			ISO 8655 Specifications						Glassco Specification			
Model No.	Vol. Range	Increment	CV ±% ±ml		CV ±% ±ml		Accuracy ±% ±ml		CV ±% ±ml		Pack of	Price ₹/Piece
500.555.01	0.25-2.5 ml	0.5 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1	15955
500.555.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1	15955
500.555.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1	15955
500.555.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1	23079
500.555.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1	23079
500.555.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1	27541



ENQUIRE

GLASSCO BOTTLE TOP DISPENSER

With Dual Intel Technology

- Fully autoclavable at 121°C , 15 psi for 10-15 mins.
- "CE" mark awarded.
- Refill the bottle & rinse the instrument WITHOUT DISMOUNTING from bottle.
- Patented technology that combines unique functionality, user-friendliness & performance.
- First ever Dispenser offering Dilution , Rinsing , Dual Liquid Handling & Re-circulation in a single unit.
- Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions
- 180° Rotation for easy & effortless volume setting.
Specially designed adapter allows 360° rotation, providing full flexibility in working.
- Specially designed, springless, PTFE valve manifold ensures high chemical compatibility and jamming free valve functioning.
- PTFE Piston with ETP O-Ring ensures very high chemical compatibility & wiper like smooth, effortless piston movement.
- Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes : 28,30,32,36,40 & 45 mm.
Calibration as per ISO 8655 standards.

PATENTED



1. STANDARD DISPENSING

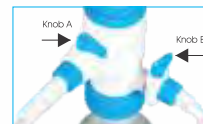
Knob A - Open
Knob B - Closed

In this mode the dispenser dispenses the liquid normally into the receiver from the bottle it is mounted on.

2. PURGING

Knob A - Open
Knob B - Closed

In this mode the liquid is re-circulated into the same bottle on which the dispenser is mounted. This process removes the air from the dispenser without wasting any reagent.



3. DILUTION/RINSING/SECOND LIQUID DISPENSING

Knob A - Open
Knob B - Closed

In this mode the liquid from a second source can be dispensed into the receiver. The second liquid can be distilled water, thus allowing the user to rinse the instrument without dismounting from the bottle or for dilution of the reagent in the receiver.

4. BOTTLE REFILLING

Knob A - Open
Knob B - Closed

In this mode the liquid from a second source can be used to refill the bottle without dismounting the dispenser.



Specifications & Ordering Information

			ISO 8655 Specifications					Glassco Specification			
Model No.	Vol. Range	Increment	CV ±% ±ml		CV ±% ±ml		Accuracy ±% ±ml	CV ±% ±ml		Pack of	Price ₹/Piece
500.450.01	0.25-2.5 ml	0.5 ml	0.6	0.015	0.2	0.005	0.6 0.015	0.2	0.005	1	26347
500.450.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5 0.025	0.1	0.005	1	26347
500.450.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5 0.050	0.1	0.010	1	26347
500.450.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5 0.150	0.1	0.030	1	35032
500.450.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5 0.300	0.1	0.060	1	37357
500.450.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5 0.500	0.1	0.100	1	53857



ENQUIRE

DIN
12892



Stand, Retort

- Complies with DIN 12892
- Stand material, mild steel, blue powder coated
- Rod Material, mild steel, chrome plated with L-Key

Item Code	Stand Size (mm)	Rod Size mm (Length x dia)	Pack of	Price ₹/Pack
309.303.01	150 x 100	500 x 12	2	1942
309.303.02	200 x 125	600 x 12	2	2683
309.303.03	250 x 150	750 x 12	2	3622

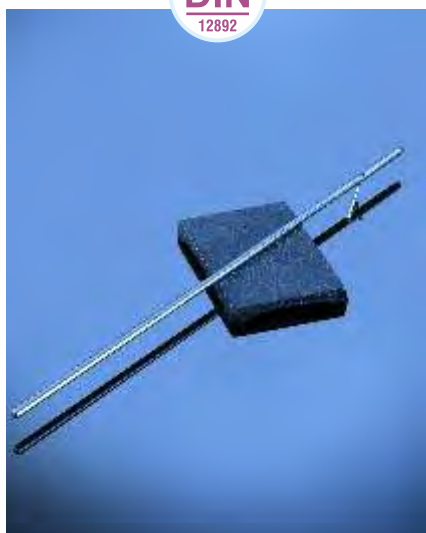
MS

L-Key



ENQUIRE

DIN
12892



Stand, Retort

- Complies with DIN 12892
- Stand material, Cast Iron, hammer tone
- Rod Material, mild steel, chrome plated with L-Key

Item Code	Stand Size (mm)	Rod Size mm (Length x dia)	Pack of	Price ₹/Pack
310.303.01	150 x 100	450 x 10	2	1592
310.303.02	175 x 125	600 x 12	2	1913
310.303.03	200 x 125	600 x 12	2	2065
310.303.04	200 x 125	600 x 12	2	2222
310.303.05	225 x 150	750 x 12	2	3464
310.303.06	250 x 150	600 x 12	2	4024
310.303.07	250 x 200	750 x 12	2	5301
310.303.08	300 x 175	900 x 12	2	6129
310.303.09	250 x 150	750 x 12	2	4432

MS

L-Key



ENQUIRE



Ring, Retort

- Material Mild Steel, hammer tone
- Available with boss head

Item Code	Size (mm)	Pack of	Price ₹/Pack
313.303.01	50	4	1032
313.303.02	62.5	4	1032
313.303.03	75	4	1178
313.303.04	100	4	1178
313.303.05	125	2	647
313.303.06	150	2	647
313.303.07	200	2	677

MS



ENQUIRE

Rod, Retort

- Material Mild Steel & Stainless Steel, chrome plated

Item Code	Size (mm)	Material	Pack of	Price ₹/Pack
371.303.01	500	MS	5	378
371.303.02	600	MS	5	444
371.303.03	750	MS	5	338
371.303.04	500	SS	5	385
371.303.05	600	SS	5	443
371.303.06	750	SS	5	548

Retort Ring with Rod

- Material mild steel, chrome plated

Item Code	Rod Length (mm)	Rod Dia (mm)	Ring Inner Dia	Type	Pack of	Price ₹/Pack
393.303.01	160	7	50	Rod	4	1411
393.303.02	200	7	70	Rod	4	1475
393.303.03	220	8	100	Rod	4	1709
393.303.04	220	8	120	Rod	2	945

MS

Chrome
Coated

ENQUIRE



ENQUIRE

**Ring, Retort**

- Material mild steel, chrome plated
- Available with bosshead
- Bosshead to steel rod dia 14mm

Item Code	Rod Length (mm)	Rod Dia (mm)	Ring Inner Dia	Type	Pack of	Price ₹/Pack
393.303.06	70	7	50	Bosshead	4	1767
393.303.07	70	7	70	Bosshead	4	1621
393.303.08	70	8	100	Bosshead	4	1855
393.303.09	70	8	120	Bosshead	2	1032

MS

Chrome
CoatedWITH
BOSSHEAD

ENQUIRE



DIN
12894



Clamp, Retort

- Complies with DIN 12894
- Cross pattern
- Die-casted
- To hold upto 65 mm

Item Code	Type	Pack of	Price ₹/Pack
324.303.01	Aluminium, Cork Lined	2	1003
324.303.04	Zinc, Cork Lined	2	945

AI
DIECASTED

CROSS
PATTERN



ENQUIRE

DIN
12894



Clamp, Retort

- Complies with DIN 12894
- 3 Prong
- Material Aluminium, diecasted - Powder Coated
- Hold upto 50-65 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of	Price ₹/Pack
326.303.02	3 Prong	2	1073

AI
DIECASTED

3 PRONG



ENQUIRE

DIN
12894



Clamp, Universal

- Complies with DIN 12894
- Cork Lined
- Material Aluminium diecasted, powder coated
- MS Rod chrome plated
- Hold upto 50-65 mm circle

Item Code	Type	Pack of	Price ₹/Pack
328.303.01	Cork Lined	2	1061

AI
DIECASTED

MS
Rod

WHITE POWDER
COATED



ENQUIRE

Clamp, Condenser

- 4 Prong
- Material Aluminium, Powder Coated
- Hold upto 125 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of	Price ₹/Pack
334.303.02	4 Prong	2	2624

AI
DIECASTEDMS
RodWHITE POWDER
COATEDFOUR
PRONG

ENQUIRE

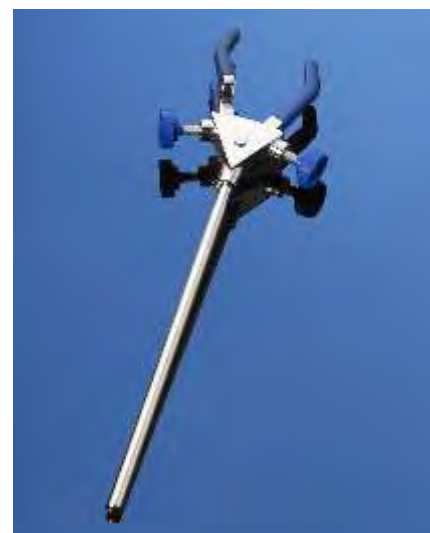
**Clamp, Condenser**

- 3 Prong
- Material Aluminium, Powder Coated
- To hold upto 125 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of	Price ₹/Pack
335.303.02	3 Prong	2	2624

AI
DIECASTEDMS
RodWHITE POWDER
COATEDFOUR
PRONG

ENQUIRE

**Clamp, Retort, Euro Design**

- 3 Prong to hold upto 75 mm
- Spring tube, double keys
- Rod with dia 7.5 mm & Length 235 mm
- Material Zinc Alloy, pressure diecasted, Chrome Coated
- Freely swivel, bosshead lockable at 360°C for 14 mm grip

Item Code	Type	Pack of	Price ₹/Pack
390.303.01	PVC sleeve with rod	2	1254
390.303.02	Silicone sleeve with rod	2	1330
390.303.03	PVC sleeve with boss Head	2	1650
390.303.04	SILICONE sleeve with boss Head	2	1767

AI
DIECASTEDMS
RodWHITE POWDER
COATED

3 PRONG

WITH
BOSSHEADZINC
AlloySiO₂
Sleeved

ENQUIRE





Clamp, Retort (Euro Design)

- 2 Prong to hold upto 80 mm
- Spring tube, double keys
- Rod with dia 7.5 mm & Length 235 mm
- Material Zinc Alloy, pressure diecasted, Chrome Coated
- Freely swivel, bosshead lockable at 360°C for 14 mm grip

Item Code	Type	Pack of	Price ₹/Pack
391.303.01	Cork Lined with rod	2	1295
391.303.02	PVC sleeve with rod	2	1312
391.303.03	SILICONE sleeve with rod	2	1312
391.303.04	Cork lined with boss head	2	1650
391.303.05	PVC sleeve with boss head	2	1633
391.303.06	SILICONE sleeve with boss head	2	1726

AI
DIECASTED

MS
Rod

TWO
PRONG

Chrome
Coated

WITH
BOSSHEAD

ZINC
Alloy

SiO₂
Sleeved



ENQUIRE

DIN
12895



Boss Head

- Complies with DIN 12895
- Material Cast Iron, black painted
- Use with retort stand & Condenser Clamp
- To hold upto 25mm

Item Code	Type	Pack of	Price ₹/Pack
337.303.03	Hold upto 25mm	4	2298

Cast
Iron

BLACK
PAINTED



ENQUIRE

Boss Head

- Complies with DIN 12895
- To hold upto 20 mm
- Material Cast Iron, black painted
- Use with retort stand & Condenser Clamp

Item Code	Type	Pack of	Price ₹/Pack
338.303.03	Hold upto 20mm	4	1301

Cast
Iron

ENQUIRE

**Boss Head**

- Complies with DIN 12895 standard
- Material Aluminium/Zinc, Powder Coated
- To hold upto 16 mm

Item Code	Type	Pack of	Price ₹/Pack
341.303.01	Aluminium, Round Screw	4	1003
341.303.02	Aluminium, Thumb Screw	4	1242
341.303.04	Zinc, Round Screw	4	857
341.303.05	Zinc, Thumb Screw	4	1207

ZINC
AlloySiO₂
Sleeved

ENQUIRE





Stand, Tripod

- Material Cast Iron, black painted
- Available with Round or triangle top

Item Code	Size (mm)	TOP	Pack of	Price ₹/Pack
344.303.01	100 x 150	with round top	1	350
344.303.02	100 x 175	with round top	1	362
344.303.03	100 x 200	with round top	1	373
344.303.04	125 x 150	with round top	1	373
344.303.05	125 x 175	with round top	1	391
344.303.06	125 x 200	with round top	1	402
344.303.07	100 x 150	with triangle top	1	327
344.303.08	100 x 175	with triangle top	1	338
344.303.09	100 x 200	with triangle top	1	362
344.303.10	125 x 150	with triangle top	1	385
344.303.11	125 x 175	with triangle top	1	379
344.303.12	125 x 200	with triangle top	1	391

Cast
Iron



ENQUIRE



Jack, Laboratory

All sizes are in millimeters.

Item Code	Type	Size (mm)	Pack of	Price ₹/Pack
370.303.09	Stainless Steel	120 x 140	1	7372
370.303.10	Stainless Steel	200 x 200	1	10614
370.303.11	Stainless Steel	250 x 250	1	14300

SS



ENQUIRE

Burner, Bunsen

- Material Casted Iron Black painted
- Brass pipe, chrome plated
- Concentrated higher flame
- With Regulator
- Use with L.P.G.

Item Code	Type	Pack of	Price ₹/Pack
347.303.01	Brass pipe, Single Walled	1	781
347.303.02	Brass pipe, Double Walled	1	840

Cast
Iron

ENQUIRE

**Burner, Meaker**

- Complies with DIN 30665
- Material Casted Iron base, Red painted
- Brass pipe chrome plated
- Without Regulator
- Use with L.P.G.

Item Code	Pack of	Price ₹/Pack
348.303.01	1	1400

Cast
Iron

ENQUIRE

**Burner, Meaker**

- Complies with DIN 30665
- Material Casted Iron base, Red/ Black painted
- Brass pipe chrome plated
- With Regulator
- Use with L.P.G.

Item Code	Type	Pack of	Price ₹/Pack
349.303.01	With Regulator	1	1750
349.303.02	With Regulator, Economy	1	1650

Cast
Iron

ENQUIRE





Spatula

- Material Stainless Steel, Grade 202

Item Code	Size (mm)	Type	Pack of	Price ₹ /Pack
374.303.01	125	one end spoon and one end flat	10	583
374.303.02	150	one end spoon and one end flat	10	735
374.303.03	200	one end spoon and one end flat	10	1038
374.303.04	250	one end spoon and one end flat	10	1260
374.303.05	300	one end spoon and one end flat	10	1540

SS
202



ENQUIRE



Spatula

- Material Stainless Steel, Grade 202

Item Code	Size (mm)	Type	Pack of	Price ₹/Pack
374.303.06	125	both end flat	10	583
374.303.07	150	both end flat	10	735
374.303.08	200	both end flat	10	1038
374.303.09	250	both end flat	10	1108

SS
202



ENQUIRE



Spatula, Double

- Material Stainless steel, Grade 202
- One end Chattaway & one end flat

Item Code	Size (mm)	Pack of	Price ₹/Pack
375.303.01	155	10	805
375.303.02	205	10	886
375.303.03	255	10	1108

SS
202



ENQUIRE

Spatula, Double

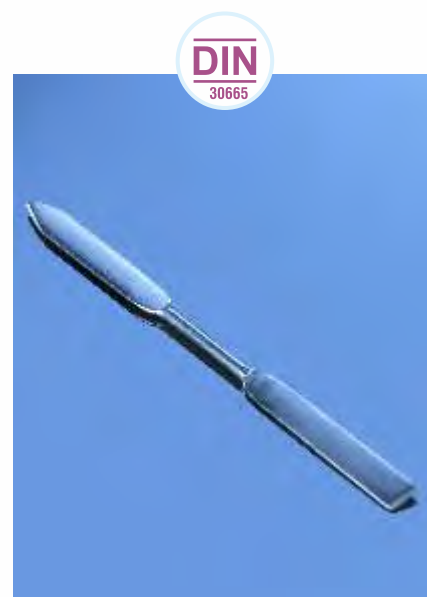
- Material Stainless steel, Grade 202
- One end tapered, & one end flat, flexible type

Item Code	Size (mm)	Pack of	Price ₹/Pack
376.303.01	155	10	956
376.303.02	260	10	1540
376.303.03	305	10	1621

SS
202



ENQUIRE

**Spatula, Micro**

- Material Stainless steel, Grade 202
- One end spoon and one side spatula

Item Code	Size (mm)	Pack of	Price ₹/Pack
377.303.01	155	10	886

SS
202



ENQUIRE

**Spatula, Knife**

- Material SS grade 202
- Available with Wooden Handle

Item Code	Size (mm)	Pack of	Price ₹/Pack
541.303.01	100	6	1435
541.303.03	150	6	1470
541.303.04	200	6	921
541.303.05	250	6	1289
541.303.06	300	6	1452

SS
202



ENQUIRE





Forceps

- Material SS 410 Grade
- Straight fine points

Item Code	Size (mm)	Pack of	Price ₹/Pack
531.303.01	100	10	665
531.303.02	125	10	956
531.303.03	150	10	1108
531.303.04	200	10	1470
531.303.05	250	10	1621
531.303.06	300	10	1995

SS
410

STRAIGHT
FINE



ENQUIRE



Forceps

- Material SS 410 Grade
- Curved Fine Points

Item Code	Size (mm)	Pack of	Price ₹/Pack
532.303.01	100	10	735
532.303.02	125	10	1108
532.303.03	150	10	1324
532.303.04	200	10	1475
532.303.05	250	10	1843
532.303.06	300	10	2146

SS
410

CURVED
FINE



ENQUIRE



Forceps

- Material SS 410 Grade
- Straight Blunt Points

Item Code	Size (mm)	Pack of	Price ₹/Pack
533.303.01	100	10	665
533.303.02	125	10	956
533.303.03	150	10	1102
533.303.04	200	10	1475
533.303.05	250	10	1621
533.303.06	300	10	1989

SS
410



ENQUIRE

Forceps

- Material SS 410 Grade
- Curved Blunt Points

Item Code	Size (mm)	Pack of	Price ₹/Pack
534.303.01	100	10	735
534.303.02	125	10	1038
534.303.03	150	10	1254
534.303.04	200	10	1475
534.303.05	250	10	1773
534.303.06	300	10	2059

SS
410CURVED
FINE

ENQUIRE

**Dissecting Set**

- Instruments made of SS Grade 202
- Set of 14 Instruments

Item Code	Description	Pack of	Price ₹ /Piece
536.303.01	made of Stainless Steel, Instruments are Dressing Scissor, Cuticle Scissor, Dressing Forceps, Dissecting Forceps, Flapper, Seeker, Arrow Needle, Needle, Blow Pipe, B.P. Handle with Scalpel Blade, Dropper, Chain Hook, Scalpels, Magnifier Lense.	Zip	1196

SS
202

ENQUIRE

**Dissecting Set**

- Instruments made of SS Grade 202
- Set of 14 Instruments

Item Code	Description	Pack of	Price ₹ /Piece
536.303.02	Made of Stainless Steel, Instruments are Dressing Scissor, Cuticle Scissor, Dressing Forceps, Dissecting Forceps, Flapper, Seeker, Arrow Needle, Needle, Blow Pipe, B.P. Handle with Scalpel Blade, Dropper, Chain Hook, Scalpels, Magnifier Lense.	Velcro	1196

SS
202

ENQUIRE



YOUR PRECISION PARTNER FOR
EVERY EXPERIMENT

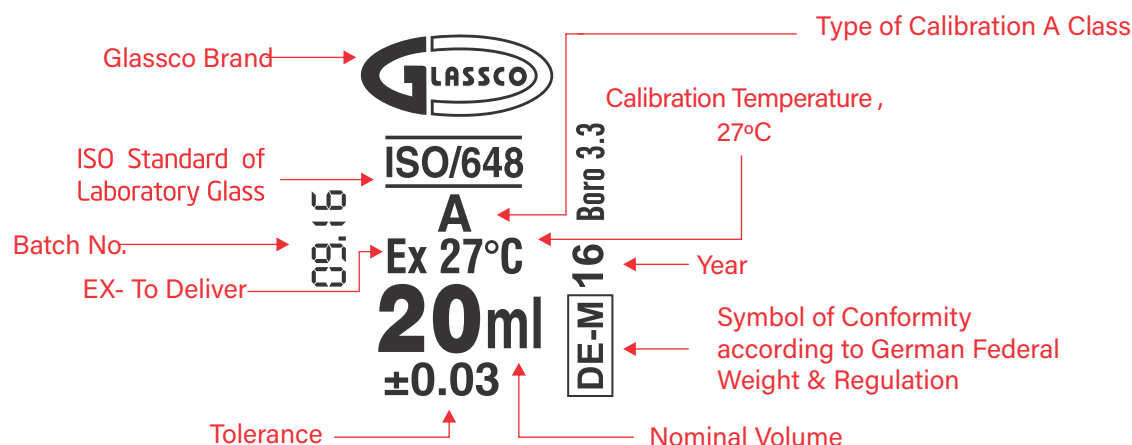


Glassco volumetric pipettes are manufactured in compliance with DIN ISO 648 standards. These pipettes are calibrated to deliver (TD, EX) + 27° C .

All volumetric pipettes are calibrated by automatic machine and then the final quality check is done on the quality control centre. The volumetric pipettes come in Class “A” with individual work certificate which is printed in amber colour which fuses into the glass .

Each pipette is accompanied with a individual certificate in the pack you can also download the certificate from our website : www.glasscolabs.com and by scanning the QR Code from the label of the box.

Below is the overview of the one mark pipette explaining in detail the content printed on it.



Pipette, Volumetric, 1 mark With ISI Mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- with Individual Certificate, Class A,
- Compliance with IS 1117 and DIN ISO 648 Standard
- Calibrated at 27°C

Item Code	Capacity (ml)	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
123.523.00	0.5	0.005	2 BLACK	5	611
123.523.01	1	0.008	BLUE	5	453
123.523.02	2	0.010	ORANGE	5	458
123.523.02A*	3	0.010	BLACK	5	517
123.523.02B*	4	0.010	2 RED	5	517
123.523.03	5	0.015	WHITE	5	517
123.523.03A*	6	0.010	2 ORANGE	5	571
123.523.03B*	7	0.010	2 GREEN	5	571
123.523.03C*	8	0.020	BLUE	5	571
123.523.03D*	9	0.020	BLACK	5	571
123.523.04	10	0.020	RED	5	616
123.523.04A*	15	0.030	GREEN	5	670
123.523.05	20	0.030	YELLOW	5	808
123.523.06	25	0.030	BLUE	5	857
123.523.07	50	0.050	RED	5	975
123.523.08	100	0.080	YELLOW	5	1473



3.3
BORO
GLASS

AMBER
PRINTING

Chemical
Resistant

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Pipette, Volumetric, Class A, 1 mark, With ISI Mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with IS 1117 and DIN ISO 648 Standard
- NABL Certified & Calibrated at 27°C
- Comes with Individual Certificate
- Printed in Amber colour

Item Code	Capacity (ml)	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
123.505.01	1	0.008	BLUE	5	1246
123.505.02	2	0.010	ORANGE	5	1330
123.505.02A*	3	0.010	BLACK	5	1131
123.505.02B*	4	0.010	2 RED	5	1131
123.505.03	5	0.015	WHITE	5	1428
123.505.03A*	6	0.01	2 ORANGE	5	1409
123.505.03B*	7	0.01	2 GREEN	5	1409
123.505.03C*	8	0.020	BLUE	5	1409
123.505.03D*	9	0.020	BLACK	5	1409
123.505.04	10	0.020	RED	5	1507
123.505.04A*	15	0.030	GREEN	5	1627
123.505.05	20	0.030	YELLOW	5	1714
123.505.06	25	0.030	BLUE	5	1837
123.505.07	50	0.050	RED	5	2359
123.505.08	100	0.080	YELLOW	5	3113

* Non DIN

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Pipette, Volumetric, Class A, 1 mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with USP standard
- Comes with Individual Works Certificate
- Calibrated at 20°C

Item Code	Capacity (ml)	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
123.520.01	1	0.006	BLUE	5	473
123.520.01A	1.5	0.006	-	5	532
123.520.02	2	0.006	ORANGE	5	532
123.520.02AB	2.5	0.006	-	5	596
123.520.02A	3	0.010	BLACK	5	557
123.520.02B	4	0.010	2 RED	5	557
123.520.03	5	0.010	WHITE	5	561
123.520.03A	6	0.010	2 ORANGE	5	616
123.520.03B	7	0.010	2 GREEN	5	616
123.520.03C	8	0.020	BLUE	5	616
123.520.03D	9	0.020	BLACK	5	616
123.520.04	10	0.020	RED	5	645
123.520.04E	15	0.030	GREEN	5	724
123.520.05	20	0.030	YELLOW	5	842
123.520.06	25	0.030	BLUE	5	882
123.520.06E	30	0.030	BLACK	5	882
123.520.06F	40	0.030	WHITE	5	941
123.520.07	50	0.050	RED	5	1019
123.520.08	100	0.080	YELLOW	5	1537

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Pipette, Volumetric, Amber, 1 mark, With ISI Mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- with Individual Certificate, Class A,
- Compliance with IS 1117 and DIN ISO 648 Standard
- Calibrated at 27°C

Item Code	Capacity (ml)	Tolerance (±ml)	Pack of	Price ₹/Piece
123.535.01	1	0.008	5	912
123.535.02	2	0.010	5	912
123.535.03	5	0.015	5	999
123.535.04	10	0.020	5	1043
123.535.05	20	0.030	5	1120
123.535.06	25	0.030	5	1120
123.535.07	50	0.050	5	1310
123.535.08	100	0.080	5	1736

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Pipette, Volumetric, Amber, 1 mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with USP standard
- Comes with Individual Works Certificate
- Calibrated at 20°C

Item Code	Capacity (ml)	Tolerance (±ml)	Pack of	Price ₹/Piece
123.537.01	1	0.006	5	926
123.537.02	2	0.006	5	926
123.537.03	5	0.010	5	1015
123.537.04	10	0.020	5	1059
123.537.05	20	0.030	5	1138
123.537.06	25	0.030	5	1138
123.537.07	50	0.050	5	1330
123.537.08	100	0.080	5	1763

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Amber Pipette Picture

Pipette, Volumetric, Class B, 1 mark, With ISI Mark

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Compliance with IS 1117 and DIN ISO 648 Standard

Item Code	Capacity (ml)	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
122.522.01	1	0.015	BLUE	5	231
122.522.02	2	0.020	ORANGE	5	241
122.522.02A	3	0.020	BLACK	5	241
122.522.02B	4	0.020	2 RED	5	241
122.522.03	5	0.030	WHITE	5	256
122.522.03A	6	0.030	2 ORANGE	5	276
122.522.03B	7	0.030	2 GREEN	5	276
122.522.03C	8	0.040	BLUE	5	276
122.522.03D	9	0.040	BLACK	5	276
122.522.04	10	0.040	RED	5	300
122.522.04A	15	0.060	GREEN	5	340
122.522.05	20	0.060	YELLOW	5	345
122.522.06	25	0.060	BLUE	5	360
122.522.06A	30	0.06	BLACK	5	350
122.522.06B	40	0.10	WHITE	5	379
122.522.07	50	0.10	RED	5	424
122.522.08	100	0.15	YELLOW	5	601

3.3
BORO
GLASS

AMBER
PRINTING

Chemical
Resistant

B
CLASS



ENQUIRE



Glassco Graduated Pipettes now comes in Type 1 (Mohr) and Type 3 (Serological).

- Type 1 : These pipettes are for partial delivery having 0 point at top.
- Type 3 : These pipettes are for complete delivery having 0 Point at top.

All are manufactured to meet ISO 835 Standards. These pipettes are calibrated to deliver (TD, EX) + 27° C. All graduated pipettes are calibrated by automatic machine and then the final quality check is done on the quality control centre. The graduated pipettes come in A class individual work certificate & are printed in amber colour. Each pipette is accompanied with individual certificate in the pack. You can also download the certificate at www.glasscolabs.com.

Pipette, Graduated, Class-A

- Complies with DIN ISO 835
- Comes with INDIVIDUAL Work Certificate
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
125.523.00	0.1	0.01	0.006	WHITE	5	719
125.523.00A	0.2	0.01	0.006	BLACK	5	719
125.523.01	1	0.01	0.007	YELLOW	5	675
125.523.01A	1	0.10	0.007	RED	5	596
125.523.02	2	0.02	0.010	BLACK	5	665
125.523.02A	2	0.10	0.010	GREEN	5	616
125.523.03	5	0.05	0.030	RED	5	773
125.523.03A	5	0.10	0.030	BLUE	5	719
125.523.04	10	0.10	0.050	ORANGE	5	822
125.523.06	25	0.10	0.100	WHITE	5	975

3.3
BORO
GLASS

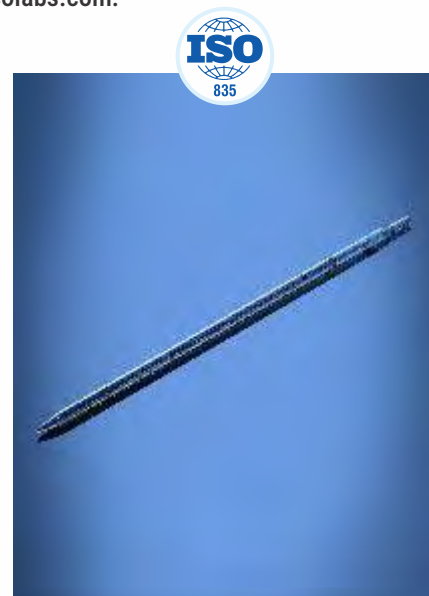
Chemical
Resistant

A
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE





Pipette, Graduated, Class-A

- Complies with DIN ISO 835
- NABL Certified
- Comes with INDIVIDUAL Work Certificate
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
125.505.00	0.1	0.01	0.006	WHITE	5	1518
125.505.00A	0.2	0.01	0.006	BLACK	5	1518
125.505.01	1	0.01	0.007	YELLOW	5	1639
125.505.01A	1	0.10	0.007	RED	5	1458
125.505.02	2	0.02	0.010	BLACK	5	1548
125.505.02A	2	0.10	0.010	GREEN	5	1464
125.505.03	5	0.05	0.030	RED	5	1657
125.505.03A	5	0.10	0.030	BLUE	5	1548
125.505.04	10	0.10	0.050	ORANGE	5	1814
125.505.06	25	0.10	0.100	WHITE	5	2232



ENQUIRE



Pipette, Graduated, Class-A

- Complies with USP Standards
- Comes with INDIVIDUAL Work Certificate
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
125.220.00	0.1	0.01	0.010	WHITE	5	665
125.220.00A	0.2	0.01	0.010	BLACK	5	665
125.220.01	1	0.01	0.010	YELLOW	5	650
125.220.02	2	0.02	0.010	BLACK	5	616
125.220.03	5	0.05	0.020	RED	5	714
125.220.04	10	0.10	0.030	ORANGE	5	842
125.220.06	25	0.10	0.050	WHITE	5	990



ENQUIRE

Pipettes, Graduated, Class-B

- Printed in Amber colour enamel.
- Serological Type 3

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
124.522.00	0.1	0.01	0.01	WHITE	5	241
124.522.00A	0.2	0.01	0.01	BLACK	5	231
124.522.01	1	0.01	0.01	YELLOW	5	231
124.522.01A	1	0.10	0.01	RED	5	217
124.522.02	2	0.02	0.02	BLACK	5	241
124.522.02A	2	0.10	0.02	GREEN	5	231
124.522.03	5	0.05	0.05	RED	5	256
124.522.03A	5	0.10	0.05	BLUE	5	241
124.522.04	10	0.10	0.1	ORANGE	5	286
124.522.06	25	0.10	0.2	WHITE	5	438

3.3
BORO
GLASS

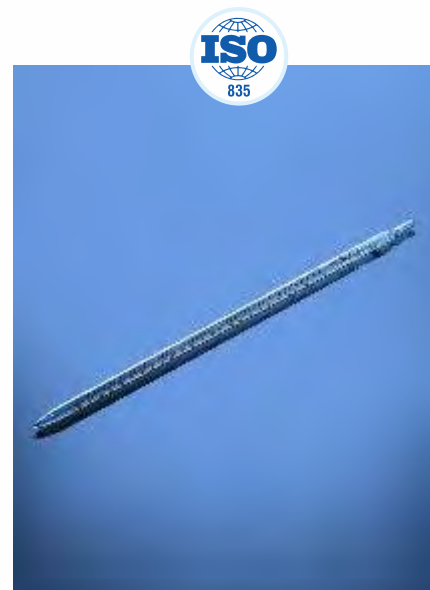
AMBER
PRINTING

Chemical
Resistant

B
CLASS



ENQUIRE



Pipettes, Graduated, Class-A, Type 1 (Mohr)

- Complies with DIN ISO 835 Standard
- With Individual Works Certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of	Price ₹/Piece
125.516.00	0.1	0.01	0.006	WHITE	5	719
125.516.00A	0.2	0.01	0.006	BLACK	5	719
125.516.01	1	0.01	0.007	YELLOW	5	675
125.516.01A	1	0.10	0.007	RED	5	596
125.516.02	2	0.02	0.010	BLACK	5	665
125.516.02A	2	0.10	0.010	GREEN	5	616
125.516.03	5	0.05	0.030	RED	5	773
125.516.03A	5	0.10	0.030	BLUE	5	719
125.516.04	10	0.10	0.050	ORANGE	5	822
125.516.06	25	0.10	0.100	WHITE	5	975

3.3
BORO
GLASS

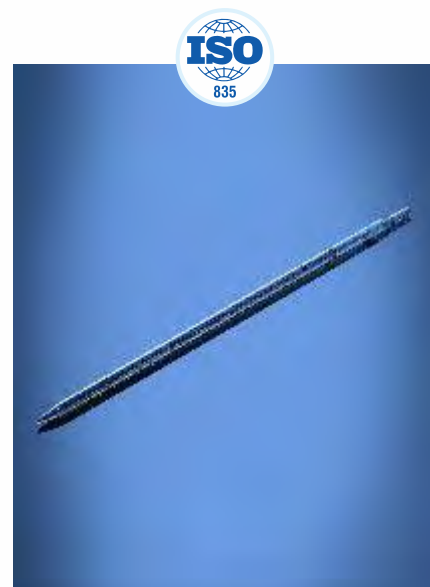
AMBER
PRINTING

Chemical
Resistant

A
CLASS



ENQUIRE



Pipettes



Pipettes, Graduated, Class-A, Type 1 (Mohr)

- Complies with DIN ISO 835 Standard
- NABL Certified
- With Individual Works Certificate

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price ₹/Piece
125.506.00	0.1	0.01	0.006	WHITE	5	1478
125.506.00A	0.2	0.01	0.006	BLACK	5	1478
125.506.01	1	0.01	0.007	YELLOW	5	1433
125.506.01A	1	0.10	0.007	RED	5	1596
125.506.02	2	0.02	0.010	BLACK	5	1502
125.506.02A	2	0.10	0.010	GREEN	5	1433
125.506.03	5	0.05	0.030	RED	5	1601
125.506.03A	5	0.10	0.030	BLUE	5	1478
125.506.04	10	0.10	0.050	ORANGE	5	1773
125.506.06	25	0.10	0.100	WHITE	5	2241

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Pipettes, Graduated, Class-B, Type 1 (Mohr)

- Complies with DIN ISO 835 Standard
- With Individual Works Certificate

Item Code	Capacity (ml)	Sub Division	Tolerance ($\pm$ ml)	Colour Code	Pack of	Price ₹/Piece
124.517.00	0.1	0.01	0.01	WHITE	5	241
124.517.00A	0.2	0.01	0.01	BLACK	5	231
124.517.01	1	0.01	0.01	YELLOW	5	231
124.517.01A	1	0.10	0.01	RED	5	217
124.517.02	2	0.02	0.02	BLACK	5	241
124.517.02A	2	0.10	0.02	GREEN	5	231
124.517.03	5	0.05	0.05	RED	5	256
124.517.03A	5	0.10	0.05	BLUE	5	241
124.517.04	10	0.10	0.10	ORANGE	5	286
124.517.06	25	0.10	0.20	WHITE	5	438

3.3
BORO
GLASS



B
CLASS



ENQUIRE

Pipettes, Gerber, Milk

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with IS 1223, Printed in Amber colour enamel
- Used for testing milk by the Gerber method
- Are one-mark transfer Pipettes for measuring 10.75 ml
- Also be used in rural Milk Collection Centres

Item Code	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price ₹/Piece
123.507.04	10.75	0.03	10	286

Pipettes, Gerber, Milk With Certificate

- With Calibration Certificate
- Printed in Amber colour enamel.

Item Code	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price ₹/Piece
123.508.04	10.75	0.015	10	576

3.3
BORO
GLASS



ENQUIRE



ENQUIRE



Pipettes, Bacteriological, Graduated

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Complies with IS 2025
- Used for the bacteriological examination of milk
- 1.1 ml is graduated at 0.5, 1.0 & 1.1 ml
- 2.2 ml is graduated at 1.0, 2.0, 2.1 and 2.2 ml

Item Code	Capacity (ml)	Tolerance ($\pm$ ml)	Pack of	Price ₹/Piece
125.507.01	1.1	0.025	10	261
125.507.02	2.2	0.04	10	286

3.3
BORO
GLASS



ENQUIRE



Glassco Disposable Pasteur Pipettes

- Compliance with ASTM E-732 Standards

Item Code	Product Description	Overall Length (cm)	Pack of	Price ₹/Pack
24675.200	Boro (5.1)	14.6	1000	5037
24675.380	Boro (5.1)	22.9	1000	6091
24675.400	Boro (5.1) with Cotton Plug	14.6	1000	5457
24675.405	Boro (5.1) with Cotton Plug	22.9	1000	6599
24675.608	Boro (5.1) Controlled Drop	14.6	1000	5075



Pipettes



Pipette Box

- Made of Polypropylene
- This Pipette Box is designed in such a way that it can hold Pipettes of different lengths
- The top of the box screws on the bottom and the height can be adjusted by screwing the top.

Item Code	Colour Code	Pack of	Price ₹/Pack
171.303.01	Pipette Box	4	1277



ENQUIRE



Pipettes Bulb

- A normal pressure on the bulb permits the intake of the required quantity
- Used for repeated sampling

Item Code	Size	Capacity (ml)	Pack of	Price ₹/Pack
411.303.01	Small	5	10	542
411.303.02	Medium	10	10	624
411.303.03	Large	15	10	694
411.303.03A	Extra Large	20	10	752
411.303.04	Oval	25	10	1161
411.303.05	Super Large	50	10	1744
411.303.06	Extra Super Large	100	10	2549

Silicon Rubber:

Item Code	Size	Capacity (ml)	Pack of	Price ₹/Pack
411.303.07	Small	5	10	1225
411.303.08	Medium	10	10	1499
411.303.09	Large	15	10	1773
411.303.10	Extra Large	20	10	1977
411.303.11	Oval	25	10	3820
411.303.12	Super Large	50	10	9279
411.303.13	Extra Super Large	100	10	10235

Si



ENQUIRE



ENQUIRE

Pipette Controller

- Can fill 25 ml pipette under 4 seconds
- Safety valve and hydrophobic filters provide double protection against fluid penetration
- Two different speed modes - High & Low along with Gravity drain
- The pump speed can also be fine-tuned by varying finger pressure on operating knobs for better control of speed
- Cadmium free environment friendly NiMH batteries
- Batteries can be changed very easily by the user
- The intelligent charger prevents over charging / heating of batteries
- Low battery indicator
- The specially designed Desk top Stand enables the Pipette Controller to be charged while resting on it.
- The Pipette Controller can hold the serological pipette while resting on Desk top Stand.

Technical Data

Power	2x1.2V/1000 mAh NiMH batteries
Battery Service Life	Eight hours continuous use
Battery Charging Time	2 -3 hours to charge fully
Volumetric Range	Plastic or Glass pipette from 0.1 ml upto 200 ml
Safety System	Replaceable hydrophobic 0.45 µm PTFE filter Safety check valve
Standard Accessory	Battery charger (UK plug) Desktop Stand Hydrophobic PTFE membrane filter 0.45 µm 1Pc Hydrophobic PTFE membrane filter 0.20 µm 1Pc
	+Wall mounting stand with screw

Item Code	Description	Pack of	Price ₹/Piece
501.404.01	Pipette Controller - Blue	1	22764



ENQUIRE



Pipette Filler

50 ml, with a release valve to allow adjustment of liquid

Item Code	Description	Pack of	Price ₹/Pack
415.303.01	Red colour, made of natural rubber	4	1225
415.303.02	Blue colour, made of silicon rubber	4	2829

Si



NATURAL



ENQUIRE



Pipettes



Pipette Pump

- Presenting a fast release pipetting device for precise pipetting & zip quick emptying
- The Knurled thumbwheel can be rotated to draw up or dispense liquids while the releaser may be pushed in for zip- quick emptying
- The moulded chuck has a silicon rubber collet inside to hold various pipettes of standard sizes
- It resists acids & alkalis and can be easily disassembled for thorough cleaning.

Material : Acrylonitrile Butadiene Styrene

Item Code	Capacity (ml)	Pack of	Price ₹/Pack
104.303.01	2	12	10422
104.303.02	10	12	10422
104.303.03	25	12	11367



Knurled Thumb



ENQUIRE



Pipette Stand (Horizontal)

- This detachable stand can hold 12 pipettes, 6 on each side, in a horizontal position
- This autoclavable stand has two sides which are attached to each other with three metallic rods coated with Polypropylene
- This stand can be easily disassembled for space saving storage.

Material : Polypropylene

Item Code	Type	Pack of	Price ₹/Pack
168.303.01	For 12 Pipettes	6	1248



PP



280°C



SPACE SAVER



ENQUIRE



Pipette Stand (94 Pipettes- Rotary)

- This unique Stand holds a maximum of 94 pipettes and rotates on a central vertical axis for convenient selection of any particular pipette
- The lower rotating disc has four concentric troughs with tapered sides and open bottom which cradle the pipette tips protectively and permit water drops to run off
- The upper disc has a grid pattern concentric with the bottom disc and keeps the pipettes vertical
- Liquids draining off the pipettes are retained on the top of the stationary base by the outer ring
- This stand can be easily disassembled & reassembled.

Material : Polypropylene

Item Code	Capacity	Pack of	Price ₹/Pack
170.303.01	For 94 Pipettes	1	857



PP



SPACE SAVER



ENQUIRE

Glassco Boron free Transparent silica Quartzware are manufactured as per IS/BS Standards.

- Low expansion with high thermal shock resistance with excellent dimensional stability.
- Glassco Quartzware shows no visible surface change in prolonged exposure gases, ozone, water, nitrogen oxide and other contaminants

Beakers, Low Form, With Spout

- Accurate in dimension
- Durable

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price ₹/Piece
Q230.235.01	25	34	50	5	2054
Q230.235.02	50	42	60	5	3029
Q230.235.03	100	50	70	5	4659
Q230.235.04	150	60	88	5	6028
Q230.235.05	250	70	95	1	9003
Q230.235.06	500	83	118	1	17242
Q230.235.07	1000	105	145	1	29993

QUARTZ
GLASS



ENQUIR



Bottle, Reagent

- With hollow stopper

Item Code	Capacity (ml)	Pack of	Price ₹/Piece
Q272.512.03	500	1	23704

QUARTZ
GLASS



ENQUIR



Cylinder, Measuring, Class B

- With spout

Item Code	Capacity (ml)	Pack of	Price ₹/Piece
Q138.510.00	5	1	10510
Q138.510.01	10	1	11776
Q138.510.03	50	1	24384
Q138.510.04	100	1	32805
Q138.510.05	250	1	47098
Q138.510.06	500	1	64759

QUARTZ
GLASS



ENQUIR





Dishes / Basins, Round

• With Spout

Item Code	O.D. (mm)	Height (mm)	Pack of	Price ₹/Piece
Q247.202.01	55	23	10	1778
Q247.202.02	75	27	5	5028
Q247.202.03	85	35	5	6270
Q247.202.04	95	36	1	10387
Q247.202.05	100	38	1	12495
Q247.202.06	115	47	1	19001

Petri Dishes

Item Code	O.D. (mm)	Height (mm)	Pack of	Price ₹/Piece
Q248.502.03	100	17	1	19626

QUARTZ
GLASS



ENQUIRE



Erlenmeyer Flasks

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of	Price ₹/Piece
Q233.202.01	50	50	90	1	8346
Q233.202.02	100	64	105	1	9422
Q233.202.03	150	72	124	1	11589
Q233.202.04	250	85	140	1	14667
Q233.202.05	500	100	180	1	26393

QUARTZ
GLASS



ENQUIRE



Flask, Volumetric

• Accurate Dimension

• Durable

Item Code	Capacity (ml)	N/S	Pack of	Price ₹/Piece
Q131.220.01	5	10/19	1	7900
Q131.220.02	10	10/19	1	4536
Q131.220.03	25	10/19	1	5363
Q131.220.04	50	12/21	1	6422
Q131.220.05	100	14/23	1	8294
Q131.220.06	250	14/23	1	12037
Q131.220.07	500	19/26	1	16026
Q131.220.08	1000	24/29	1	32008

QUARTZ
GLASS



ENQUIRE

Funnel, with Stem

Item Code	Capacity (ml)	Pack of	Price ₹/Piece
Q239.202.01	35x150	1	7360
Q239.202.02	45x150	1	9622
Q239.202.03	55x150	1	11884
Q239.202.04	70x150	1	15640
Q239.202.05	75x150	1	20966

QUARTZ
GLASS

ENQUIRE



Pipette, Measuring, Mohr type, Class B

Item Code	Capacity (ml)	Pack of	Price ₹/Piece
Q125.530.01	1 x 0.01	1	13632
Q125.530.02A	2 x 0.1	1	9249
Q125.530.03A	5 x 0.1	1	11948
Q125.530.04	10 x 0.1	1	12069

QUARTZ
GLASS

ENQUIRE



Pipette, Transfer, Volumetric, Class B

Item Code	Capacity (ml)	Pack of	Price ₹/Piece
Q122.540.01	1	1	10446
Q122.540.02	2	1	10446
Q122.540.02A	3	1	13539
Q122.540.02B	4	1	13539
Q122.540.03	5	1	13322
Q122.540.03A	6	1	14987
Q122.540.04	10	1	14987

QUARTZ
GLASS

ENQUIRE





Tube, Safety Burner

- Use with Bunsen Burners
- Available in Natural and Neoprene Rubber
- Tube has reinforced ends for better grip

Natural Rubber :

Item Code	Length (mm)	I.D.xO.D. (mm)	Pack of	Price ₹/Piece
406.BB.01	450	8 x 14	1	122
406.BB.02	600	8 x 14	1	169
406.BB.03	900	8 x 14	1	227
406.BB.04	1000	8 x 14	1	257



ENQUIRE



Tube, Safety Burner

- Use with Bunsen Burners
- Available in Natural and Neoprene Rubber
- Tube has reinforced ends for better grip

Neoprene Rubber :

Item Code	Length (mm)	I.D.xO.D. (mm)	Pack of	Price ₹/Piece
426.BB.01	450	5 x 8	1	140
426.BB.02	600	5 x 8	1	175
426.BB.03	900	5 x 8	1	251
426.BB.04	1000	5 x 8	1	262



ENQUIRE



Cork, Rubber Neoprene, Working temp. are 50 to 120°C

- Easy distinguishable blue color for lab use
- Flame resistant & Autoclavable
- Tolerates weathering & ozone
- Has excellent low gas permissibility

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price ₹/Pack
420.303.01	5	-	5	-	10	187
420.303.02	6	9	6	16	10	210
420.303.03	8	10.5	8	20	10	233
420.303.04	9	11.5	9	20	10	245
420.303.05	10	12.5	10	20	10	274
420.303.06	11	14	11	24	10	373
420.303.07	13	16	13	24	10	467
420.303.08	15	18	15	24	10	554
420.303.09	17	20.5	17	26	10	694
420.303.10	18	21	18	26	10	781
420.303.11	19	22.5	19	28	10	892
420.303.12	21	24.5	21	28	10	997
420.303.13	23	26.5	23	28	10	1143
420.303.14	25	28.5	25	28	10	1190
420.303.15	27	31	27	32	10	1435
420.303.16	29	31	29	32	10	1732
420.303.17	31	36	31	35	10	2222
420.303.18	33	38.5	33	35.5	10	2782
420.303.19	35	45.5	35	36.5	10	3359
420.303.20	38	42.5	38	40	10	3890
420.303.21	40	49.5	40	40	10	3890



ENQUIRE

Cork, Rubber

- Made of RSS-S grade rubber
- More pure rubber than regular stopper and has clear incineration & biodegradable property
- Permissible temp. upto 80°C & Shore Hardness 45

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price ₹/Pack
410.303.01	000	9	6	16	10	41
410.303.02	0	13	9	15.5	10	47
410.303.03	1	14	11	18.5	10	58
410.303.04	2	16.5	13	20	10	70
410.303.05	3	19	14	21	10	76
410.303.06	4	21	15	22	10	87
410.303.07	5	22.5	17.5	23	10	111
410.303.08	6	24.5	20	24	10	146
410.303.09	7	26	20	27.5	10	157
410.303.10	8	26.5	21	27.5	10	187
410.303.11	9	28	21.5	31	10	239
410.303.12	10	30	26	33	10	286
410.303.13	11	33	29	32	10	327
410.303.14	12	34.5	30	34.5	10	356
410.303.15	13	38.5	31	37	10	472
410.303.16	14	41.5	32	42.5	10	531
410.303.17	15	42	38	40.5	10	688
410.303.18	16	45	35	36.5	10	694
410.303.19	17	49.5	40	40.5	10	816
410.303.20	18	53.5	48	33.5	10	921
410.303.21	19	58	44	45	10	1067
410.303.22	20	60	51	56.5	10	1516



ENQUIRE

Cork, Rubber (Euro Design) DIN 12871

Item Code	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price ₹/Pack
410.303.23	6.5	3.5	15	10	41
410.303.24	9	5	20	10	41
410.303.25	12	8	20	10	47
410.303.26	14.5	10.5	20	10	58
410.303.27	16.5	12.5	20	10	70
410.303.28	18	14	20	10	93
410.303.29	22	17	25	10	111
410.303.30	24	18	30	10	128
410.303.31	27	21	30	10	216
410.303.32	29	23	30	10	239
410.303.33	32	26	30	10	292
410.303.34	35	29	30	10	297
410.303.35	28	31	35	10	461
410.303.36	44	36	40	10	607
410.303.37	49	41	40	10	729
410.303.38	55	47	40	10	846
410.303.39	59.5	50.5	45	10	980
410.303.40	65	56	45	10	1750
410.303.41	70	60	50	10	2204
410.303.42	75.5	64.5	55	10	2613
410.303.43	83	71	60	10	2706
410.303.44	92	79	65	10	2817
410.303.45	100	87	65	10	3161
410.303.46	107	94	65	10	3511

EU



ENQUIRE





Cork, Silicon

- Made of high quality food grade FDA approved silicone, translucent
- Non reactive & very useful for organic chemistry use
- Resistant to high pressure, vacuum, Steam sterilization & UV sterilization
- Working temp. are 50 to 250°C
- Shore Hardness 45A

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price ₹/Pack
405.303.01	9	11.5	9	20	10	397
405.303.02	11	14	11	24	10	630
405.303.03	13	16	13	24	10	799
405.303.04	15	18	15	24	10	927
405.303.05	17	20	17	26	10	1143
405.303.06	18	21	18	26	10	1242
405.303.07	19	22.5	19	28	10	1441
405.303.08	23	25.5	23	28	10	1837
405.303.09	25	28.5	25	28	10	2199
405.303.10	27	31	27	32	10	2654
405.303.11	29	33	29	32	10	3388
405.303.12	31	36	31	35	10	4036
405.303.13	33	38.5	33	38.5	10	5155



UV
Sterilize



ENQUIRE



Cork, Silicon, Euro design

- Complies with DIN 12871 Standards

Item Code	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of	Price ₹/Pack
405.303.14	6.5	3.5	15	10	187
405.303.15	9	5	20	10	227
405.303.16	12	8	20	10	292
405.303.17	14.5	10.5	20	10	437
405.303.18	16.5	12.5	20	10	531
405.303.19	18	14	20	10	554
405.303.20	22	17	25	10	980
405.303.21	24	18	30	10	1085
405.303.22	27	21	30	10	1260
405.303.23	29	23	30	10	1586
405.303.25	35	29	30	10	2957
405.303.26	38	31	35	10	3575
405.303.27	44	36	40	10	4759
405.303.28	49	41	40	10	5476
405.303.29	55	47	40	10	6567
405.303.30	59.5	50.5	45	10	7208
405.303.31	65	56	45	10	8386
405.303.32	70	60	50	10	13134
405.303.33	75.5	64.5	55	10	16475
405.303.34	83	71	60	10	21036
405.303.35	92	79	65	10	27230
405.303.36	100	87	65	10	36392
405.303.37	107	94	65	10	39494

EU



ENQUIRE

Tubing, Natural Rubber

- Tubing is suitable for laboratory, pharmaceutical, industrial and educational purposes
- Comes in Red colour
- Tolerance $\pm 0.2\text{MM}$
- Made of RSS-3 grade rubber
- Has incineration & biodegradable property
- Permissible temp. -20°C to -70°C

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
406.303.01	4.0	1.0	6	10 Mtr.	367
406.303.02	5.0	1.5	8	10 Mtr.	496
406.303.03	6.0	1.5	9	10 Mtr.	583
406.303.04	7.0	1.5	10	10 Mtr.	712
406.303.05	8.0	1.5	11	10 Mtr.	816
406.303.06	9.0	2.0	13	10 Mtr.	1015
406.303.07	10.0	2.0	14	10 Mtr.	1114
406.303.08	12.0	2.0	16	10 Mtr.	1446



ENQUIRE



Tubing, Pressure Rubber

- Suitable for laboratory, pharmaceutical, industrial and educational purposes
- Made of Natural Rubber
- Resistant to light acids, light alkalis
- Tolerance $\pm 0.2\text{MM}$
- Shore Hardness 50-55A
- Permissible temp. -20°C to -70°C

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
408.303.01	3.0	3.0	9	10 Mtr.	607
408.303.02	5.0	3.0	11	10 Mtr.	746
408.303.03	6.0	3.0	12	10 Mtr.	898
408.303.04	8.0	3.0	14	10 Mtr.	1073
408.303.05	9.0	3.0	15	10 Mtr.	1213
408.303.06	10.0	4.0	18	10 Mtr.	1779
408.303.07	12.0	4.0	20	10 Mtr.	2327



ENQUIRE





Tubing, High Pressure Rubber

- Suitable for laboratory, pharmaceutical, industrial and educational purposes
- Made of Natural Rubber
- Resistant to light acids, light alkalis
- Tolerance $\pm 0.2\text{MM}$
- Shore Hardness 50-55A
- Permissible temp. -20°C to -70°C

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
409.303.01	3.0	5.0	13	10 Mtr.	997
409.303.02	5.0	5.0	15	10 Mtr.	1196
409.303.03	6.0	5.0	16	10 Mtr.	1376
409.303.04	8.0	5.0	18	10 Mtr.	1720
409.303.05	9.0	5.0	19	10 Mtr.	1831
409.303.07	10.0	5.0	22	10 Mtr.	2648
409.303.06	12.5	5.0	24	10 Mtr.	2823



ENQUIRE



Tubing Pressure Green :

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
401.303.01	6.4	3.2	12.8	10 Mtr.	1773

Tubing, Blood Pressure Green Superior :

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
403.303.01	3	2.5	8	10 Mtr.	1085



ENQUIRE



ENQUIRE

Tubing, Silicon Rubber

- Complies with USP VI standards & USP CFR 177 2600 Complaint
- Made of high quality food grade
- Non reactive & very useful for organic chemistry use
- Resistant to high pressure, vacuums, Steam sterilization & UV sterilization
- Working temp. are -50 to 250°C
- Shore Hardness 45A

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
400.303.01	2	1	4	10 Mtr.	1021
400.303.02	3	1	5	10 Mtr.	1079
400.303.03	3	1.5	6	10 Mtr.	1703
400.303.04	4	1	6	10 Mtr.	1703
400.303.05	4	1.5	7	10 Mtr.	1977
400.303.06	5	1	7	10 Mtr.	2589
400.303.07	5	1.5	8	10 Mtr.	2589
400.303.08	6	1	8	10 Mtr.	3003
400.303.09	6	1.5	9	10 Mtr.	4368
400.303.10	6	2	10	10 Mtr.	4636
400.303.11	6	3	12	10 Mtr.	8048
400.303.12	7	1.5	10	10 Mtr.	4228
400.303.13	7	2	11	10 Mtr.	5319
400.303.14	8	1.5	11	10 Mtr.	4298
400.303.15	8	2	12	10 Mtr.	5185
400.303.16	8	3	14	10 Mtr.	7447
400.303.17	9	2	13	10 Mtr.	6159
400.303.18	10	2	14	10 Mtr.	7447
400.303.19	10	3	16	10 Mtr.	8870
400.303.20	12	3.5	19	10 Mtr.	12020
400.303.22	14	3	20	10 Mtr.	13035
400.303.23	15	4	23	10 Mtr.	21567
400.303.24	16	3	22	10 Mtr.	17916



ENQUIRE



Tubing, Silicon Platinum Cured

Item Code	Inner Dia (ID in mm)	Wall Thickness (Wt in mm)	Outer Dia (OD in mm)	Pack of	Price ₹ /Pack
400.350.03	3.0	1.5	6	10 Mtr.	251
400.350.05	4.0	1.5	7	10 Mtr.	274
400.350.07	5.0	1.5	8	10 Mtr.	367
400.350.09	6.0	1.5	9	10 Mtr.	414
400.350.10	6.0	2.0	10	10 Mtr.	461
400.350.12	7.0	1.5	10	10 Mtr.	461
400.350.13	7.0	2.0	11	10 Mtr.	537
400.350.14	8.0	1.5	11	10 Mtr.	537
400.350.15	8.0	2.0	12	10 Mtr.	548
400.350.17	9.0	2.0	13	10 Mtr.	816
400.350.18	10.0	2.0	14	10 Mtr.	1096
400.350.20	12.0	2.0	16	10 Mtr.	1126



ENQUIRE





Tubing, Vacuum

- Made of pure natural rubber.
- Used for high pressure applications
- Available in per meter
- Walls does not collapse at high pressure applications

Item Code	IDxOD (mm)	Pack of	Price ₹/Pack
407.303.01	6 x 19	1 Mtr.	1190
407.303.02	8 x 22	1 Mtr.	1283



ENQUIRE



Teats

- Used in laboratory with droppers for dispensing drops or qualitative amounts of liquids or chemicals.

Item Code	Type	Rubber Type	Capacity	Pack of	Price ₹/Pack
414.303.01	Conical	Natural Rubber	1	10	671
414.303.02	Conical	Natural Rubber	2-3	10	1849
414.303.03	Round	Natural Rubber	1	10	671
414.303.04	Conical	Silicon Rubber	1	10	2875
414.303.05	Conical	Silicon Rubber	2-3	10	3703
561.303.01	Round	Latex Rubber	Small	100	1819
561.303.02	Round	Latex Rubber	Large	100	1674



ENQUIRE

Sheet, Rubber Corrugated

• Used in Industrial Shelves, Hospital and Medical Buildings

Item Code	IDxOD (mm)	Pack of	Price ₹/Pack
402.303.01	350 x 150	4	612



ENQUIRE

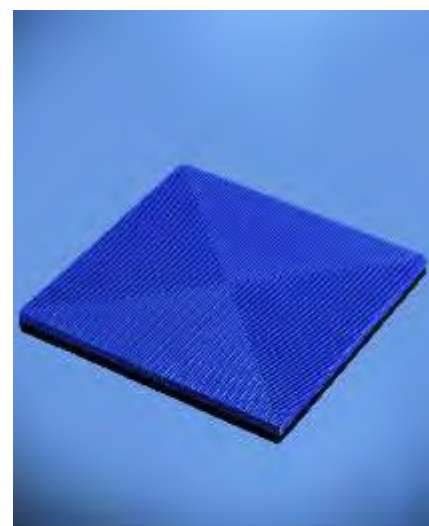


Mat, Laboratory

Item Code	Dimension (inches)	Rubber Type	Pack of	Price ₹/Pack
402.400.01	12 x 12	Natural Rubber	4	11273
402.400.02	12 x 12	Silicone Rubber	4	16604



ENQUIRE



Sheet, Laboratory

• Used to avoid direct surface
Contact of glassware products on the solid surface.

Item Code	Dimension (inches)	Rubber Type	Pack of	Price ₹/Pack
402.500.01	9.5 x 9.5 x 2.7	Natural Rubber	4	933
402.500.02	9.5 x 9.5 x 2.7	Silicone Rubber	4	8066



ENQUIRE



Stopper

Stoppers, Hollow with Tip

- In compliance with Din 12252 standard
- Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks mainly volumetric flasks.
- Hexagonal head if placed on at head end avoids contamination of ground surface, with hexagonal form head it also helps in preventing the rolling of the stopper and provides a good grip.
- The stoppers below comes in drip tip form also which if placed on the flask helps liquid to return to the flask till the last drop.



Flower-Power Stopper, Polyethylene

- Agronomic Design
- In compliance with Din 12254 standard
- Used mainly with volumetric flasks the Flower-Power™ form large head provides good grip and also protects flasks from breaking if it drops accidentally
- Available in Multiple Color against Anaquel 100 Pieces

White & Blue DIN 12254

Item Code	N/S	Pack of	Price ₹/Piece
011.232.01	10/19	100	69
011.232.02	12/21	100	74
011.232.03	14/23	100	79
011.232.04	19/26	100	94
011.232.05	24/29	100	113
011.232.06	29/32	100	143
011.232.07*	34/35	100	163

3.3
BORO
GLASS



ENQUIRE

*Non DIN

Available in different colours



Solid Penny Head Stoppers

- For ASTM Standard Flasks
- The Flasks with ASTM E-288 can also be provided with Penny Head Stoppers

Item Code	Description	Pack of	Price ₹/Piece
012.269.02	Stopper No. 13	100	158
012.269.02A	Stopper No. 16	100	305
012.269.03	Stopper No. 19	100	369
012.269.04	Stopper No. 22	100	384
012.269.05	Stopper No. 27	100	409

3.3
BORO
GLASS



ENQUIRE

PS: Penny head stopper can be provided in Amber color. Prices can be sent on request.

Stopper, Solid Penny Head

- Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks.
- The stopper provides a good grip
- Comes in DIN Standard joint sizes and ASTM standard

Item Code	N/S	Type	Pack of	Price /Piece
012.512.01	10/19	Clear	50	128
012.512.01A	12/21	Clear	50	133
012.512.02	14/23	Clear	50	133
012.512.03	19/26	Clear	50	158
012.512.04	24/29	Clear	50	305
012.512.05*	29/32	Clear	50	369
012.512.06*	34/35	Clear	50	384



Enquire Now



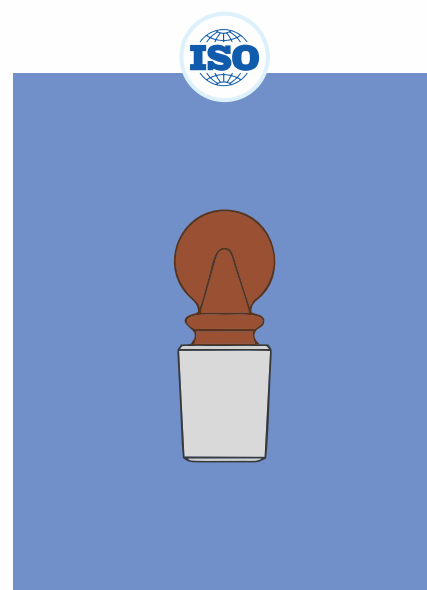
Stopper, Amber, Solid Penny Head

- Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks.
- The stopper provides a good grip
- Comes in DIN Standard joint sizes and ASTM standard

Item Code	N/S	Type	Pack of	Price /Piece
012.513.01A	10/19	Amber	50	158
012.513.02A	12/21	Amber	50	212
012.513.03A	14/23	Amber	50	212
012.513.04A	19/26	Amber	50	236
012.513.05A	24/29	Amber	50	364
012.513.06A	29/32	Amber	50	428
012.513.07A	34/35	Amber	50	468



Enquire Now



Stopper



Stopper, Amber, Solid Penny Head

- For ASTM Standard Flasks
- The Flasks with ASTM E-288 can also be provided with Penny Head Stoppers

Item Code	Description	Type	Pack of	Price /Piece
012.278.02	Stopper No 13	Amber	100	202
012.278.02A	Stopper No 16	Amber	100	364
012.278.03	Stopper No 19	Amber	100	453
012.278.04	Stopper No 22	Amber	100	473
012.278.05	Stopper No 27	Amber	100	488



Stopper, Clear, Flat Head

Item Code	N/S	Type	Pack of	Price /Piece
011.204.01	10/19	Clear	50	147
011.204.02	12/21	Clear	50	153
011.204.03	14/23	Clear	50	153
011.204.04	19/26	Clear	50	182
011.204.05	24/29	Clear	50	351
011.204.06	29/32	Clear	50	424

Stopper, Clear, Flat Head

Item Code	N/S	Type	Pack of	Price /Piece
011.204.01A	10/19	Clear	50	182
011.204.02A	12/21	Clear	50	244
011.204.03A	14/23	Clear	50	244
011.204.04A	19/26	Clear	50	271
011.204.05A	24/29	Clear	50	419
011.204.06A	29/32	Clear	50	492

Disposable Glassware Culture Tube - Boro Glass 5.1

Glassco Disposable Culture Tubes are resistant to chemical attack and weathering.

Salient Features:

- Boro Glass 5.1 Expansion offers excellent chemically resistance
- High heat tolerance
- Uniform dimensions
- Convenient dispensing packages

Manufactured from Type-I, Class B borosilicate glass, each tube is heat-treated at temp. exceeding 500°C (932°F) immediately before packing, which eliminates contamination, increases strength, and reduces breakage. Tubes features well-rounded bottoms and fire polished tops free of rough edges. Dimensional specifications of these tubes are rigidly controlled for reliable, uniform results.

Tubes are clean-sealed in a convenient dispensing package to keep them free from dust and other particulate contamination.

Tube (O.D. 6 x 50 mm) is also known as a Durham Tube.

Contents will not leach out and contaminate solutions. Borosilicate glass construction prevents pH change in laboratory tests.

Ps. All the tubes are marked clearly with US sizes, EU sizes this is done based on the sales of the product sold in US market and European union market. Please select the product as per the needs of your market.

Test Tube Boro Glass 5.1 Expansion

- US Sizes

Item Code	O.D. x Ht (mm)	Over Flow Vol (mm)	Pieces/Case	Price ₹/Pack
27729.566	6 x 50	0.75	2000	7745
27729.568	10 x 75	3	1000	3987
27729.570	12 x 75	5	1000	4405
27729.572	13 x 100	9	1000	5181
27729.574	15 x 85	10	1000	5636
27729.576	16 x 100	14	1000	6660
27729.578	16 x 125	18	1000	8270
27729.580	16 x 150	22	1000	9455
27729.583	18 x 150	28	500	6440
27729.584	20 x 150	34	500	7464
27729.586	25 x 150	60	500	9221

Ordering Information: Due to machine packaging, quantities per case are approximate.

5.1
BORO
GLASS



ENQUIRE



Disposable Glassware Culture Tube - Boro Glass 7.0

These tubes are chemically clean and well-suited for general use in chemistry, blood banks, hematology and other laboratory procedures.

Salient Features:

- Fire-polished top
- Shrink-film sealed to prevent contamination
- Well-rounded bottoms

Each tube is annealed at temperatures over 426.7°C (800°F) to increase strength and reduce breakage. Tubes feature smooth, well-rounded bottoms with no irregularities. Tops are fire-polished to eliminate rough edges. Tubes are packed in lint-free packaging and are shrink-film sealed to prevent any contamination from outside sources.

Item Code	O.D. x Ht (mm)	Over Flow Vol (mm)	Pieces/Case	Price ₹/Pack
20825.402	10 x 75	3	1000	3220
20825.406	12 x 75	5	1000	3346
20825.414	13 x 100	9	1000	3687
20825.425	16 x 100	11	1000	4912
20825.430	16 x 125	15	1000	6205
20825.435	16 x 150	20	1000	6976
20825.443	18 x 150	28	500	4841
20825.447	20 x 150	34	500	5695

Ordering Information: Due to machine packaging, quantities per case are approximate.

7.0
BORO
GLASS



ENQUIRE



US
SIZES



Disposable Glassware Culture Tube with Screw Cap Finish - Boro Glass 5.1

Tubes have a marking spot and reference mark for orientation during use and a threaded neck to accept screw cap.

Salient Features :

- Borosilicate glass 5.1 expansion construction
- Marking spot and orientation reference mark on all tubes

Item Code	O.D. x Ht (mm)	Thread Finish	Over Flow Vol (mm)	Pieces/Case	Price ₹ /Case
23283.800	13 x 100	13-415	8	1000	13173
23283.802	16 x 100	15-415	12	1000	15661
23283.804	16 x 125	15-415	16	1000	17084
23283.806	16 x 150	15-415	20	1000	19648
23283.685	20 x 125	18-415	30	500	9425
23283.686	20 x 150	18-415	33	500	11105

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Phenolic Caps, With Rubber Liner

Item Code	O.D. x Ht (mm)	Over Flow Vol (mm)	Pieces/Case	Price ₹ /Case
23283.800C	13 x 100	13-415	1000	9966
23283.804C	16 x 125	15-415	1000	10678
23283.685C	20 x 125	18-415	1000	11390



ENQUIRE

Test Tube, Re-usable

- Complies to EN ISO 4142
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Without Rim
- Uniform wall Thickness
- Excellent heat transfer

Item Code	Capacity (ml)	O.D. x Height (mm)	Thickness (mm)	Pack of	Price ₹ /Piece
097.202.01	3	10 x 75	1.0	100	11
097.202.02	5	12 x 75	1.0	100	11
097.202.03	6	12 x 100	1.0	100	17
097.202.04	13	15 x 125	1.2	100	21
097.202.04A	10	16 x 100	1.2	100	25
097.202.04B	20	16 x 150	1.2	100	30
097.203.05	15	15 x 150	1.2	100	25
097.202.05	27	18 x 150	1.2	100	26
097.203.06	45	20 x 150	1.2	100	30
097.211.07A	38	25 x 100	1.2	100	32
097.202.06	55	25 x 150	1.2	100	39
097.202.07	60	25 x 200	1.2	100	50
097.211.10A	100	32 x 200	1.4	50	79
097.211.12	150	38 x 200	1.4	50	94

3.3
BORO
GLASS

ENQUIRE

* Non DIN/ISO

**Test Tube, Re-usable**

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Rim EN ISO-4142
- Uniform wall Thickness
- Excellent heat transfer

Item Code	Capacity (ml)	O.D. x Height (mm)	Thickness (mm)	Pack of	Price ₹ /Piece
097.215.01	3	10 x 75	1.0	100	12
097.215.02	5	12 x 75	1.0	100	12
097.215.03	7	12 x 100	1.0	100	17
097.215.04*	13	15 x 125	1.0	100	21
097.215.04A*	15	15 x 150	1.0	100	25
097.215.06	27	18 x 150	1.2	100	26
097.215.07	45	20 x 150	1.2	100	34
097.215.08*	38	25 x 100	1.2	100	32
097.215.08A*	55	25 x 150	1.2	100	39
097.215.08B*	70	25 x 200	1.2	100	50
097.215.12*	100	32 x 200	1.4	50	79
097.215.14*	150	38 x 200	1.4	50	94

3.3
BORO
GLASS

ENQUIRE

* Non DIN/ISO





Closure Cap for Test Tubes

- Made of Polypropylene

Item Code	Size for Tube (mm)	Pack of	Price ₹/Piece
100.202.01	12	100	15
100.202.02	15	100	15
100.202.03	18	100	17
100.202.04	20	100	22
100.202.05	25	100	23



ENQUIRE



Tubes Culture Round Bottom, Reusable

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Screw Thread and Teflon Liner
- Comes with PP Screw Cap & Leakproof

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price ₹/Piece
082.204.01	5	12 x 100	Round	100	53
082.204.02B	5	16 x 75	Round	100	84
082.204.02	10	16 x 100	Round	100	81
082.204.03	15	16 x 125	Round	100	89
082.204.04	20	16 x 160	Round	100	102
082.204.05	30	18 x 180	Round	100	105
082.204.06	15	20 x 100	Round	100	105
082.204.07	40	20 x 200	Round	100	109
082.204.08	45	22 x 200	Round	100	114
082.202.05	30	25 x 100	Round	100	104
082.202.06	50	25 x 150	Round	100	109
082.202.07	60	25 x 200	Round	100	109
082.204.13	150	38 x 200	Round	50	251

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



SCREW
CAP



LEAKPROOF



ENQUIRE



Tubes, Amber Culture Media, Round Bottom, Reusable

- The uniform Amber colour is highly durable and chemical resistance
- Leakproof
- Comes with PP Screw Cap & PTFE Liner

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price ₹/Piece
082.279.05	5	16 x 75	Round	100	138
082.279.05A	10	16 x 125	Round	100	187
082.279.10	30	25 x 100	Round	100	202
082.279.10A	60	25 x 200	Round	100	266
082.279.13	150	38 x 200	Round	50	1197

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



SCREW
CAP



ENQUIRE

PS: Test Tubes in other sizes can be provided on request

Durham tubes 50x6mm without rim

Item Code	Dia (mm)	Height (mm)	Pack of	Price ₹/Piece
381.097.00	6	25	100	10
381.097.01	6	30	100	10
381.097.02	6	40	100	10
381.097.03	6	50	100	11
381.097.04	8	55	100	13

3.3
BORO
GLASS

ENQUIRE



Tubes, Culture Media, Flat Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Printed in matt finish white colour enamel
- Comes with PP Screw Cap & PTFE Liner
- Uniform wall Thickness

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price ₹ /Piece
083.204.02C	5	16 x 50	Flat	100	76
083.202.01	5	18 x 45	Flat	100	73
083.202.02A	10	25 x 50	Flat	100	94
083.202.02AB	15	25 x 57	Flat	100	86
083.202.02B	20	25 x 72	Flat	100	99
083.202.03	30	25 x 95	Flat	100	104
083.202.04	40	25 x 145	Flat	100	109

3.3
BORO
GLASS

ENQUIRE



Tubes, Amber Culture Media, Flat Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- The uniform Amber colour is highly durable and chemical resistance
- Comes with PP Screw Cap & PTFE Liner

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of	Price ₹ /Piece
083.279.01	5	16 x 50	Flat	100	138
083.279.01A	5	18 x 45	Flat	100	150
083.279.02	10	25 x 50	Flat	100	192
083.279.03	15	25 x 57	Flat	100	192
083.279.04	20	25 x 72	Flat	100	227
083.279.06	30	25 x 100	Flat	100	236
083.279.06A	40	25 x 145	Flat	100	277

3.3
BORO
GLASS

ENQUIRE



PS: Test Tubes in other sizes can be provided on request



Test Tube

- With Interchangeable Penny Head Glass Stopper

Item Code	Height x O.D. (mm)	Stopper Size	Pack of	Price ₹ /Piece
096.502.01	100 x 12	10/19	100	255
096.502.02	125 x 15	12/21	100	279
096.502.03	150 x 18	14/23	100	271
096.502.04	150 x 25	19/26	100	300
096.502.05	200 x 25	19/26	100	325
096.502.06	200 x 32	24/29	50	608
096.502.07	200 x 38	24/29	50	696

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



ENQUIRE



Test Tube

- With joint & Penny Head Glass stopper
- With Graduation

Item Code	Capacity (ml)	Height x O.D. (mm)	Stopper Size	Pack of	Price ₹ /Piece
095.502.00	5	100 x 12	10/19	100	295
095.502.03A	10	125 x 16	12/21	100	296
095.502.03B	20	150 x 18	14/23	100	355
095.502.03C	25	150 x 22	19/26	100	362
095.502.04A	30	150 x 25	19/26	100	364
095.502.04	50	200 x 25	19/26	100	384
095.502.05B	100	200 x 32	24/29	50	522
095.502.07	150	200 x 38	24/29	50	723

3.3
BORO
GLASS



WHITE
PRINTING



Chemical
Resistant



ENQUIRE

Tube, COD Digestion Tube, With Stopper

- Made from thick walled, mechanically very resistance borosilicate glass
- Used in COD Disintegration
- Printed in White colour enamel

Item Code	O.D. x Length (mm)	N/S	Pack of	Price ₹ /Piece
091.202.15	36 x 205	29/32	10	616
091.202.17	39 x 205	29/32	10	616

3.3
BORO
GLASSWHITE
PRINTINGChemical
Resistant

ENQUIRE

**Test Tube, Flat Bottom**

- Made of borosilicate glass, designed with a flat bottom
- High thermal shock resistance
- Designed without a rim
- Used for pathological tests and disintegration apparatus

Item Code	Capacity (ml)	O.D. x Length (mm)	Pack of	Price ₹ /Piece
093.202.02	5	12 x 75	100	30
093.202.06A	22	18 x 138	100	64
093.202.06C	26	18 x 55	100	49
093.202.06	26	18 x 130	100	48
093.202.03A	10	13 x 110	100	54
093.202.07	18	18 x 100	100	59

Test Tube, Flat Bottom

- Made of borosilicate glass, designed with a flat bottom
- High thermal shock resistance
- Designed with a rim
- Used for pathological tests and disintegration apparatus

Item Code	Capacity (ml)	O.D. x Length (mm)	Pack of	Price ₹ /Piece
093.502.06B	5	14 x 110	100	54
093.502.05	22	16 x 96	100	59
093.502.06	26	18 x 55	100	49
093.502.07	10	18 x 100	100	53
093.502.09	18	18 x 138	100	64

3.3
BORO
GLASSWHITE
PRINTINGChemical
Resistant

ENQUIRE



ENQUIRE





Tube, Reaction

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass

Item Code	Capacity (ml)	Socket Size	Pack of	Price ₹ /Piece
047.202.06	25	14/20	1	767

3.3
BORO
GLASS



ENQUIRE



Brush, Test Tube

Item Code	Type	Material	Pack of	Price ₹/Pack
593.303.02	Test Tube Brush	Nylon	50	6474

Nylon



ENQUIRE

Test Tube Baskets

- Made of Polypropylene
- Are autoclavable and non-corrosive
- Ideal for rinsing & draining glassware
- Useful for storage of test tubes or culture tubes during sterilization or incubation

Item Code	Size	Pack of	Price ₹/Pack
167.303.01	140 x 120 x 110	6	904
167.303.02	160 x 160 x 160	6	1207
167.303.03	400 x 400 x 100	6	3849



Non
Corrosive
Basket



STERILIZED



ENQUIRE



Test Tube Stand

This autoclavable stand is perhaps the most commonly used Test Tube Stand in various laboratories. For better visibility, this 6 place rack is end supported by 2 columns. The top plate has 2 holes for holding 25 mm dia test tubes, four holes to hold 16 mm dia tubes where as the base has corresponding hemispherical wells. It also has six vertical pins for drying tubes.

Material : Polypropylene

Item Code	Size	Pack of	Price ₹/Pack
161.303.02	25 mm Tubes	12	1021



Ø25mm



ENQUIRE





Test Tube Stand (3 TIER)

- Made of Polypropylene
- Ingenious racks with 3-Tier design provide clear view of the tube contents
- Convenient inserting & removal of tubes
- Every part of rack is coloured & opaque
- Are autoclavable and withstand sub-freezing temperatures

Item Code	Size/Capacity	Pack of	Price /Pack
163.303.01	13 mm x 31 Tubes	2	437
163.303.02	16 mm x 31 Tubes	2	437
163.303.03	20 mm x 20 Tubes	2	589
163.303.04	25 mm x 12 Tubes	2	437
163.303.05	25 mm x 18 Tubes	2	589
163.303.06	32 mm x 12 Tubes	2	688
163.303.07	25 mm x 36 Tubes	2	1091
163.303.08	13 mm x 18 Tubes	4	560
163.303.09	15 mm x 18 Tubes	4	560
163.303.10	18 mm x 12 Tubes	4	560
163.303.11	13 mm x 62 Tubes	2	758
163.303.12	16 mm x 62 Tubes	2	758
163.303.13	20 mm x 40 Tubes	2	1091
163.303.14	13 mm x 48 Tubes	2	601
163.303.15	13 mm x 72 Tubes	2	688



ENQUIRE



Test Tube Stand (3 TIER)

- Made of Polycarbonate
- Ingenious racks with 3-Tier design provide clear view of the tube contents
- Convenient inserting & removal of tubes
- Every part of rack is coloured & opaque
- Are autoclavable and withstand sub-freezing temperatures
- Has transparent upper & middle plates where plates

Item Code	Size/Capacity	Pack of	Price /Pack
164.303.01	13 mm x 31 Tubes	2	1073
164.303.02	16 mm x 31 Tubes	2	1073
164.303.03	20 mm x 20 Tubes	2	1207
164.303.04	25 mm x 12 Tubes	2	1073
164.303.05	13 mm x 62 Tubes	2	2210
164.303.06	16 mm x 62 Tubes	2	2210
164.303.07	20 mm x 40 Tubes	2	2455
164.303.08	25 mm x 24 Tubes	2	2210
164.303.09	25 mm x 18 Tubes	2	1219
164.303.10	25 mm x 36 Tubes	2	2467
164.303.11	32 mm x 12 Tubes	2	1895



ENQUIRE

Test Tube Stand (Wire Pattern)

- Made of Polypropylene
- Economical substitute for wire racks
- Are autoclavable and stackable when empty
- Available in different colours and are made of a special blend of Polypropylene that makes it sink in a water bath and maintain their stability even in agitated water
- Easily disassembling for cleaning purpose
- base is in the form of a grid with square openings and has fold up sides and end bars that lock in to rack tops

Item Code	Size/Capacity	Pack of	Price /Pack
166.303.01	13 mm. x 90 Tubes	6	1464
166.303.02	16 mm. x 60 Tubes	6	1464
166.303.03	20 mm. x 40 Tubes	6	1464
166.303.04	25 mm. x 24 Tubes	6	1464
166.303.05	30 mm. x 21 Tubes	6	1464



ENQUIRE



Tube

Manufactured from ASTM E-438, Type-1, CLASS-A, BORO 3.3 GLASS. These tubes come with uniform wall thickness for maximum heat transfer and chemical resistance



Tube, Centrifuge, Conical Bottom Graduated

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- Study Lip

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of	Price /Piece
088.202.01	5	100 x 13	100	116
088.202.02	10	110 x 15	100	123
088.202.03	15	120 x 17	100	197
088.202.04	25	125 x 22	100	269
088.202.05	50	125 x 29	50	389
088.202.06	50	140 x 29	20	357

Centrifuge Tubes, Conical Bottom Graduated, With Screw Cap

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- With Screw Cap

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of	Price /Piece
088.505.03	10	130 x 17	100	783
088.505.04	15	150 x 29	50	1039

3.3
BORO
GLASS

7.0
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

10
20
10



ENQUIRE



ENQUIRE



Tube, Centrifuge, Conical Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- Study Lip

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of	Price /Piece
089.202.02	5	100 x 13	100	76
089.202.03	10	110 x 15	100	80
089.202.05	15	120 x 17	100	99
089.202.06	25	125 x 22	100	249
089.202.07	50	125 x 29	50	328

3.3
BORO
GLASS

7.0
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant



ENQUIRE



Tube, Centrifuge, Oil

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of	Price /Piece
088.402.07	100	200 x 36	12	230

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

10
20
10



ENQUIRE

Tube, Centrifuge

- Round Bottom Graduated
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Printed in Blue colour

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of	Price /Piece
094.202.01	12	16 x 110	100	165
094.202.02	30	24 x 110	100	208
094.202.03	40	28 x 110	50	240
094.202.04	50	30 x 110	50	255
094.202.05	100	45 x 110	50	359
094.202.07	200	55 x 116	50	527

3.3
BORO
GLASS



ENQUIRE

**Glassco Distilling Receiver, Graduated, With Hooks**

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Centrifuge tube shaped receiver with an upper standard taper joint has two glass hooks 180° apart
- Uniform wall Thickness

Item Code	Capacity (ml)	Socket Size	Size	Pack of	Price /Piece
088.468.03	15	14/20	18x140	1	287

3.3
BORO
GLASS



ENQUIRE





Tube, Centrifuge, Conical Bottom

- Made of Polypropylene
- Are Clear Strong & Safe
- Are autoclavable and both printed graduation
- Leakproof
- Can withstand forces upto 7500 x G 15ml & 1200 x G for 50 ml

Item Code	Capacity (ml)	Pack of	Price /Pack
135.303.01	15	100	1277
135.303.02	50	100	1505
135.303.03	15 Sterile	100	1271
135.303.04	50 Sterile	100	1890



PP



LEAKPROOF



SAFE & STRONG



SCREW CAP



121°C



10
20
30



ENQUIRE



Tube, Centrifuge, Round Bottom

- Made of Polypropylene & Polycarbonate
- Are strong enough to be used upto 50,000xG
- Autoclavable

Item Code	Capacity (ml)	Pack of	Price /Pack
136.303.01	16 ml. Tube PP.	50	3295
136.303.02	50 ml. Tube PP.	50	8521
136.303.03	16 ml. Tube PC.	50	6345
136.303.04	50 ml. Tube PC.	50	9401



PP



LEAKPROOF



SAFE & STRONG



SCREW CAP



121°C



PC



ENQUIRE

OAK Ridge Centrifuge Tubes

- Made of Polypropylene
- Can be used upto 50,000xG
- Screw cap is fitted with silicone O-ring making it totally leakproof
- Should not be used below 4°C

Item Code	Capacity (ml)	Pack of	Price /Pack
137.303.01	30	12	834
137.303.02	50	12	1604
137.303.03	100	12	2135



ENQUIRE



Centrifuge Tubes Box

- Made of Polypropylene
- These boxes provide substitute for conventional cardboard or foam rack
- These boxes are autoclavable & can withstand Temperature ranging from -90°C to +120°C

Item Code	Capacity (ml)	Pack of	Price /Pack
165.305.03	30	4	1685
165.305.05	50	4	1685



ENQUIRE





Tube, Micro Centrifuge

- Made of Polypropylene
- Built in plugs make these tubes leakproof
- Used for transmitting sample for micro analysis

Item Code	Capacity (ml)	Pack of	Price /Pack
130.303.01	0.5	1000	1184
130.303.02	1.5	1000	1306



ENQUIRE



Rack For Micro Centrifuge Tube

- Made of Polycarbonate
- Autoclavable
- Made for holding twenty four 1.5 ml. micro centrifuge tubes
- Unique stacking feature prevents movement in any direction
- Holes are numbered & lettered for easy identification

Item Code	Quantity	Pack of	Price /Pack
165.303.03	100 Tubes	2	560



ENQUIRE

Float Rack

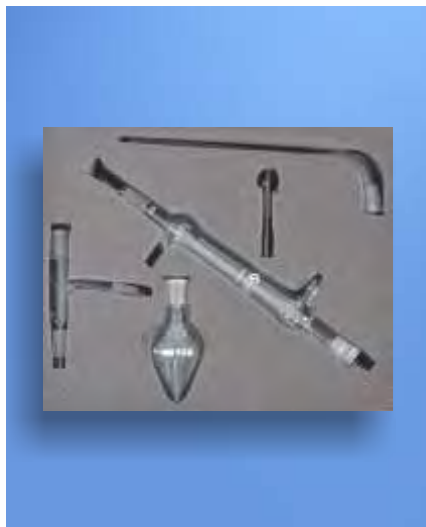
- Made of Polypropylene
- Autoclavable and can hold 16 micro centrifuge tubes for incubation in water baths
- Easy to load
- Essential in microbiology & immunology labs.
- Surface of the rack has raised alpha - numeric index for easy identification and has a ventral rod handle for convenient lifting.

Item Code	Capacity (ml)	Pack of	Price /Pack
131.303.01	16 MCT'S of 1.5 ml.	12	3103



ENQUIRE





29 BU Organic Chemistry Set

- This set is ideal for introducing student to the principal techniques of preparative organic chemistry.
- Although the set is very simple a surprising number of preparations on the 30 g scale can be carried out.

Item Code	Description	Price /Piece
202.202.01	Complete set comprising 5 items of Glassware	2957

Item Code	Components	29 BU/M
1	Pear shaped flask 50ml	1
2	Still head	1
3	Liebig condenser	1
4	Screw cap adapter	1
5	Receiver adapter	1



ENQUIRE



27 BU Organic Chemistry Set

- A highly popular set in schools, colleges and universities.
- It has been purposely designed to cover the essential requirements for the teaching of organic chemistry and is suitable for preparations up to 30g.
- This is a set which is difficult to beat for versatility.

Item Code	Description	Price /Piece
203.202.01	Complete set comprising 9 items of Glassware	4028

Item Code	Components	27 BU/M
1	Pear shaped flask 50ml	1
2	Still head	1
3	Liebig condenser	1
4	Screw cap adapter	1
5	Receiver adapter	1
6	Air leak/steam inlet tube	1
7	Dropping funnel, 50 ml with PTFE Needle Valve Stopcock	1
8	Stopper	1
9	Thermometer	1



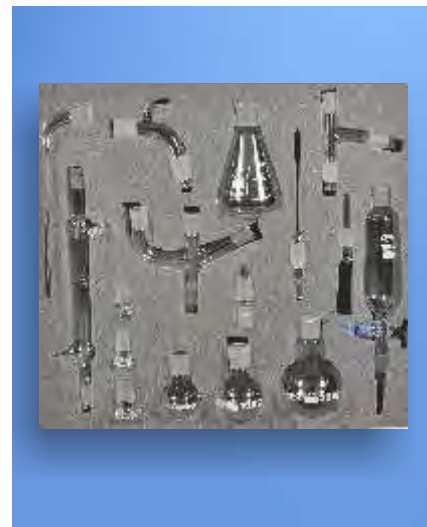
ENQUIRE

34 BU Organic Chemistry Set

- For student use in preparation organic chemistry up to the 150 g scale, this includes all the necessary equipment to allow a wide range of preparation to be carried out
- IT is also invaluable for industrial laboratories where the amount of preparative work is not great and may occur at infrequent intervals
- For such applications, this set has the advantage of covering an extensive field of work and occupying little space when not in use

Item Code	Description	Price /Piece	
207.202.01	Complete set comprising 16 items of Glassware	8056	

Item Code	Components	Socket Size	Socket Size
1	Still head	14/23	19/26
2	Receiver	19/26	24/29
3	Air leak/steam inlet tube	-	19/26
4	Liebig condenser	19/26	19/26
5	Dropping funnel, 100 ml	19/26	19/26
6	Reducing adapter	19/26	24/29
7	Multiple adapter	19/26	24/29
8	Flask, R.B., 50 ml	24/29	-
9	Flask, Erlenmeyer, 250 ml	24/29	-
10	Flask, R.B., 250 ml	24/29	-
11	Stopper	-	19/26
12	Stopper	-	19/26
13	Thermometer Pocket	-	14/23
14	Receiver adapter	19/26	-
15	Flask, R.B., 100ml	24/29	-
16	Stopper	-	24/29



ENQUIRE

**CRAFTED FOR PRECISION,
DESIGNED FOR SCIENCE**



At **Glassco Laboratory Equipments Pvt. Ltd.**, we specialize in manufacturing a comprehensive range of vials designed to meet the diverse needs of the pharmaceutical, healthcare, and life sciences industries.

With an unwavering commitment to quality and innovation, we leverage our state-of-the-art in-house **Clean Room Facility** to ensure precision, sterility, and environmental responsibility. With decades of expertise and a commitment to excellence, we deliver products that seamlessly combine precision engineering, durability, and innovation.

Chromatography Vials (HPLC)

Screw Neck Vials

Vial are made from ASTM 438 TYPE-1 Class A Borosilicate Glass that are crafted to fit on almost all autosamplers that ensures long-term sample storage when used with top closure caps.

Kit Pack Screw Neck Vials 12 X 32 mm (ND 9) Boro 5.1 Glass With Blue PP Cap PTFE Silicone Septa

Screw neck vials ND9 are available in clear and amber Type 1 Glass. vials come with wide opening 9mm thread with blue cap bonded preslit PTFE Red/Silicone White Septa and can be used on almost any autosampler

Item Code	Glass Colour	Glass Type	Patch	Septa Feature 1	Neck Dia	Septa Feature 2	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
086.502.03	Clear	5.1	-	Non Slit	9mm	Bonded	12 x 32	1.5	100	2920
086.502.02	Clear	5.1	Yes	Pre Slit	9mm	Bonded	12 x 32	1.5	100	3565
086.502.04	Amber	5.1	-	Non Slit	9mm	Bonded	12 x 32	1.5	100	3465
086.504.02	Amber	5.1	Yes	Pre Slit	9mm	Bonded	12 x 32	1.5	100	4060



Certified Pack Screw Neck Vials 12 X 32 mm (ND 9) Boro 3.3 Glass With Blue PP Cap PTFE Silicone Septa

Item Code	Glass Colour	Glass Type	Patch	Septa Feature 1	Neck Dia	Septa Feature 2	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
086.502.05	Clear	3.3	-	Non Slit	9mm	Bonded	12 x 32	1.5	100	5400
086.502.06	Clear	3.3	Yes	Pre Slit	9mm	Bonded	12 x 32	1.5	100	5400
086.502.07	Amber	3.3	-	Non Slit	9mm	Bonded	12 x 32	1.5	100	6532
086.502.08	Amber	3.3	Yes	Pre Slit	9mm	Bonded	12 x 32	1.5	100	6532

Certified PP Caps for Screw Neck Vials 12 x 32 mm (ND 9) With Blue PP Cap PTFE Silicone Septa

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack/Unit	Price / Pack
086.251.02	Blue	Open Top	ND9	Silicone White / PTFE Red	100	On Request





Vials 12 X 32 mm (ND 9) made from Boro 5.1 Glass With Blue PP Cap PTFE Silicone Septa

Screw neck vials ND9 are available in clear and amber Type 1 Glass. vials come with wide opening 9mm thread with blue cap bonded preslit PTFE Red/Silicone White Septa and can be used on almost any autosampler

Item Code	Glass Colour	Glass Type	Patch	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
GW.SVC9.01	Clear	5.1	-	9mm	12 x 32	1.5	100	On Request
GW.SVC9.02	Clear	5.1	Yes	9mm	12 x 32	1.5	100	On Request
GW.SVA9.01	Amber	5.1	-	9mm	12 x 32	1.5	100	On Request
GW.SVA9.02	Amber	5.1	Yes	9mm	12 x 32	1.5	100	On Request

Vials 12 X 32 mm (ND 9) made from Boro 3.3 Glass With Blue PP Cap PTFE Silicone Septa

Item Code	Glass Colour	Glass Type	Patch	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
GW.SVC9.03	Clear	3.3	-	9mm	12 x 32	1.5	100	On Request
GW.SVC9.04	Clear	3.3	Yes	9mm	12 x 32	1.5	100	On Request
GW.SVA9.03	Amber	3.3	-	9mm	12 x 32	1.5	100	On Request
GW.SVA9.04	Amber	3.3	Yes	9mm	12 x 32	1.5	100	On Request



PP Caps for Screw Neck Vials 12 x 32 mm (ND 9)

Screw Caps ND9 are made of Polypropylene - PP with fitted septa. Caps have 9mm thread, with open top centre hole

Item Code	Cap Color	Cap Design	Neck Dia	Liner	Pack/Unit	Price / Pack
GW.SV9.BLC2	Blue	Open Top	9mm	PTFE Red/White Silicone	100	1641
GW.SV9.BLC4	Blue	Open Top	9mm	PTFE Blue/White Silicone/ pre-slit (single)	100	1641
GW.SV9.BLC5	Blue	Open Top	9mm	PTFE Red/Silicone White pre-slit	100	1641
086.206.03	Blue	Open Top	9mm	PTFE Red/Silicone White pre-slit <i>Certified</i>	100	5405

Screw Neck Vials 15 x 45 mm (ND 13)

Screw neck vials ND13 are available in clear and amber Type 1 Glass.

Vials comes with 13-425 thread wide opening for easy filling of viscous liquids.

Item Code	Glass Colour	Patch	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/Unit	Price / Pack
GW.SVC13.01	Clear	-	13mm	15 x 45	4	100	On Request
GW.SVC13.02	Clear	Yes	13mm	15 x 45	4	100	On Request
GW.SVA13.01	Amber	-	13mm	15 x 45	4	100	On Request
GW.SVA13.02	Amber	Yes	13mm	15 x 45	4	100	On Request



PP Caps for Screw Neck Vials 15 x 45 mm (ND 13)

Screw Caps ND13 are made of Polypropylene - PP with fitted septa.

Caps have 13-425 thread, with open top centre hole.

Item Code	Cap Color	Cap Design	Neck Dia	Liner	Pack/Unit	Price / Pack
GW.SV13.BC1	Black	Open Top	13mm	Silicone White/PTFE Red pre-slit	100	On Request
GW.SV13.BC2	Black	Open Top	13mm	Silicone Red / PTFE White	100	On Request
GW.SV13.BC4	Black	Open Top	13mm	Silicone White / PTFE Red	100	On Request



CRIMP TOP Vials

- Designed to use for High Pressure / Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) Applications.
- Crimp top vials consist of an Aluminum cap and PTFE / Silicon / Rubber Septum thus forms a superior seal and reduces evaporation.
- Optional with White Ceramic Writing Patch and fill marks for easy labelling.

Kit Pack Crimp Top Vials 12 x 32 mm (ND 11) made from Boro 5.1 Glass

Crimp Neck vials ND11 are available in clear and amber Type 1 Glass for used as standard GC & HPLC applications.



Item Code	Glass Colour	Glass Type	Patch	Septa Feature 1	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
GW.CTC11.01	Clear	5.1	-	Non Slit	11mm	12 x 32	1.5	100	2180
GW.CTC11.02	Clear	5.1	Yes	Pre Slit	11mm	12 x 32	1.5	100	2475
GW.CTA11.01	Amber	5.1	-	Non Slit	11mm	12 x 32	1.5	100	2575
GW.CTA11.02	Amber	5.1	Yes	Pre Slit	11mm	12 x 32	1.5	100	2720

Crimp Top Vials 12 x 32 mm (ND 11) made from Boro 5.1 Glass

Item Code	Glass Colour	Glass Type	Patch	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
GW.CTC12.01	Clear	5.1	-	11mm	12 x 32	1.5	100	On Request
GW.CTC12.02	Clear	5.1	Yes	11mm	12 x 32	1.5	100	On Request
GW.CTA12.01	Amber	5.1	-	11mm	12 x 32	1.5	100	On Request
GW.CTA12.02	Amber	5.1	Yes	11mm	12 x 32	1.5	100	On Request

Kit Pack Aluminium Caps for Crimp Top Vials 12 x 32 mm

Crimp Caps ND11 are made of Aluminium with septa. Caps have open top centre hole.



Item Code	Cap Color	Cap Design	Neck Dia	Liner	Pack/Unit	Price / Pack
GW.V11.SC1	Silver	Open Top	11mm	Silicone White / PTFE Red	100	On Request
GW.V11.SC2	Silver	Open Top	11mm	PTFE Red / Silicone White / PTFE Red	100	On Request
GW.V11.SC3	Silver	Open Top	11mm	Transparent TEF/ Natural Rubber Red-orange Septa	100	On Request
GW.V11.SC4	Silver	Open Top	11mm	Silicone Red / PTFE Clear	100	On Request
GW.V11.SC5	Silver	Open Top	11mm	Silicone Red / PTFE White	100	On Request

Kit Pack Snap Ring Vials 12 x 32 mm (ND 11)

- Snap ring vials ND11 are available in clear and amber type-1 glass can be used on almost any autosamplers
- Also suitable for robotic handling.
- These vials can also be used as crimp neck vial.
- Snap ring vials are suitable for HPLC applications

Item Code	Glass Colour	Glass Type	Patch	Septa Feature 1	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
GW.SRVC11.01	Clear	5.1	-	Non Slit	11mm	12 x 32	1.5	100	2180
GW.SRVC11.02	Clear	5.1	Yes	Non Slit	11mm	12 x 32	1.5	100	2280
GW.SRVA11.01	Amber	5.1	-	Non Slit	11mm	12 x 32	1.5	100	2280
GW.SRVA11.02	Amber	5.1	Yes	Non Slit	11mm	12 x 32	1.5	100	2575

Snap Ring Vials 12 x 32 mm (ND 11)

Item Code	Glass Colour	Glass Type	Patch	Neck Dia	D x H (mm)	Working Vol. (ml)	Pack/ Unit	Price / Pack
GW.SRVC12.01	Clear	5.1	-	11mm	12 x 32	1.5	100	On Request
GW.SRVC12.02	Clear	5.1	Yes	11mm	12 x 32	1.5	100	On Request
GW.SRVA12.01	Amber	5.1	-	11mm	12 x 32	1.5	100	On Request
GW.SRVA12.02	Amber	5.1	Yes	11mm	12 x 32	1.5	100	On Request

PP Caps for Snap Ring/Cap Vials 12 x 32 mm

Snap ring caps ND11 are made of PP & Aluminium and are supplied with various septa. Snap ring caps are very easy to use and time-saving.

Item Code	Cap Color	Cap Design	Septa Feature 1	Neck Dia	Liner	Pack/ Unit	Price / Pack
GW.V11.CC2	Clear	Open Top	Non Slit	11mm	Silicone White / PTFE Red	100	On Request
GW.V11.CC3	Clear	Open Top	Pre Slit	11mm	Silicone White / PTFE Red	100	On Request
GW.V11.CC4	Clear	Open Top	Non Slit	11mm	PTFE Red / Silicone White / PTFE Red	100	On Request





HEAD SPACE Vials

- Designed to use for High Pressure / Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) Applications.
- Crimp top vials consist of an Aluminum cap and PTFE / Silicon / Rubber Septum thus forms a superior seal and reduces evaporation.
- Optional with White Ceramic Writing Patch and fill marks for easy labelling.

Head Space Vials ND 20

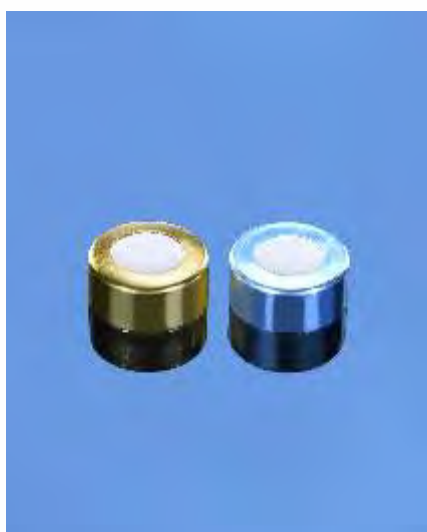
Headspace vials with Crimp neck ND20 available with round or flat bottom are made of clear and amber Type 1 glass. The vials are available with a flat DIN crimp neck or with a bevelled neck (HS neck).

On the flat DIN crimp neck, liners have a greater contact surface, which ensures a better seal. A bevelled HS neck is required if the overpressure safety seal.

Code	Glass Color	Neck Type	D x H (mm)	Working Volume (ml)	Bottom Design	Finish	Special	Pack Unit	Price /Pack
GW.HPVC20.02	Clear	ND20	22 X 38	5	Flat	HS	-	100	2995
GW.HPVC20.03	Clear	ND20	20 X 38	5	Flat	DIN	-	100	2995
GW.HPVC20.04	Clear	ND20	22.5 X 46	10	Round	DIN	-	100	3416
GW.HPVC20.05	Clear	ND20	22.5 X 46	10	Flat	DIN	Long Neck	100	3416
GW.HPVC20.06	Clear	ND20	20 X 54.5	10	Flat	DIN	-	100	3433
GW.HPVC20.07	Clear	ND20	22.5 X 75.5	20	Flat	DIN	Long Neck	100	3909
GW.HPVC20.08	Clear	ND20	22.5 X 75.5	20	Round	DIN	Long Neck	100	3909



ENQUIRE



Standard Caps for Head Space Vials ND 20

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit	Price /Pack
GW.V20.SC1	Silver	Open Top	ND20	Moulded Grey PTFE / Butyl	100	2829

Pressure Release Cap for Headspace Vials ND 20

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit	Price /Pack
GW.V20.SC5	Silver	Open Top	ND20	Moulded Grey PTFE/Butyl Septa	100	5699



ENQUIRE



ENQUIRE

SAMPLE VIALS (With Unattached Caps)

• Boro 5.0 Expansion

These are general-purpose vials are available various sizes & capacities.

these are made from clear type -1 glass. cap is flushed with vial shoulder.

Supplied with black phenolic caps with polyvinyl-faced pulp liner.

The cap on the vial is the same diameter as the body, fitting flush to the shoulder.



Item Code	Size	Capacity (ml) Approx	Cap Colour	Cap Material	Linear Material	Thread Size	Inner Size	Case Size	Price /Pack
086.211.01	12x35	1.80	Black	Phenolic	Polyvinyle faced Pulp	8-425	144	5184	46963
086.211.02	15x45	4.00	Black	Phenolic	Polyvinyle faced Pulp	13-425	144	2304	37239
086.211.03	16x50	6.00	Black	Phenolic	Polyvinyle faced Pulp	13-425	144	2592	42526
086.211.04	17x60	8.00	Black	Phenolic	Polyvinyle faced Pulp	15-425	144	1728	32731
086.211.05	19x65	12.00	Black	Phenolic	Polyvinyle faced Pulp	15-425	144	1728	25283
086.211.06	21x70	16.00	Black	Phenolic	Polyvinyle faced Pulp	18-400	144	1152	26585
086.211.07	23x85	24.00	Black	Phenolic	Polyvinyle faced Pulp	20-400	144	864	24450
086.211.08	25x95	30.00	Black	Phenolic	Polyvinyle faced Pulp	22-400	144	576	19519
086.211.09	28x57	16.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432	11897
086.211.10	28x70	24.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432	13150
086.211.11	28x95	35.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432	14748
086.211.12	28x108	40.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432	16419

Scintillation Vials (With Unattached Caps)

• Boro 3.3 Expansion

Item Code	Size	Capacity (ml) Approx	Cap Colour	Cap Material	Linear Material	Thread Size	Inner Size	Case Size	Price /Pack
086.202.06*	17x57**	7	No Cap	-	-	15-425	200	1000	7744
086.209.01	17x57**	7	White	Urea	Foil Cork	15-425	200	1000	23229
086.202.20*	28x61**	20	No Cap	-	-	22-400	100	500	6315
086.208.01	28x61**	20	White	Urea	Cone liner	22-400	100	500	14799
086.210.01	28x61**	20	White	PP	Foil Pulp	22-400	100	500	10875
086.210.02	28x61**	20	White	PP	PE	22-400	100	500	10875
086.208.02	28x61**	20	White	PP	Foil Pulp	22-400	100	500	10875
086.208.03	28x61**	20	White	Urea	Foil Cork	22-400	100	500	14144
086.208.04	28x61**	20	White	Urea	Foil Cork	24-400	100	500	16071

Ps : Is offered without cap

** height with cap



ENQUIRE



ENQUIRE



TOC Vials, Clear & Amber Glass

- Borosilicate Glass Exp. 5.1
- With Bonded Cap & Silicone Septa having flip cover
- Tolerance : O.D. 27.50 +/- 0.20mm
- Wall Thickness 1.20mm +/- 0.05mm

Item Code	Cap. (ml)	Ht x O.D. (mm)	Glass	Septa	Pack of	Price /Pack
083.205.02	20	28 x 57	Clear	Bonded Cap with rip cover	1x72	On Request
083.205.04	40	28 x 95	Clear	Bonded cap with flip cover	1x72	On Request
083.206.02	20	28 x 57	Amber	Bonded	1x72	On Request
083.206.04	40	28 x 95	Amber	Bonded cap with rip cover	1x72	On Request



ENQUIRE



Rubber Stoppers

Item Code	Glass Type	Stopper Material	Type	Pack Qty	Price /Pack
GW.DVRS.01	13mm Stopper	Rubber	Bromobutyl Slotted (RFU)	1000	2440
GW.DVRS.02	20mm Stopper	Rubber	Bromobutyl Slotted (RFU)	1000	5305



ENQUIRE



Caps

Item Code	Cap Colour	Cap Material	Liner	Neck Size (ml)	Pack Qty	Price /Pack
GW.DVWCPP.01	White	PP	PE	15.5	1000	On Request
GW.DVBCPP.02	Blue	PP	PE	15.5	1000	On Request
GW.DVGCPP.03	Green	PP	PE	15.5	1000	On Request
GW.DVRCPP.04	Red	PP	PE	15.5	1000	On Request
GW.DVYCPP.05	Yellow	PP	PE	15.5	1000	On Request
GW.DVWCPP.06	White	PP	PE	22	1000	On Request
GW.DVBCPP.07	Blue	PP	PE	22	1000	On Request
GW.DVGCPP.08	Green	PP	PE	22	1000	On Request
GW.DVRCPP.09	Red	PP	PE	22	1000	On Request
GW.DVYCPP.10	Yellow	PP	PE	22	1000	On Request



ENQUIRE

Glass Cartridges for Diverse Pharmaceutical Applications

Glassco offers premium-quality glass cartridges, commonly known as carpules, designed to meet the demanding needs of the pharmaceutical industry. These cartridges are manufactured with precision using borosilicate Type 1 glass tubing, available in clear and amber variants, ensuring optimal performance and durability across applications.

Key Features

- **Accurate Dosing:** Produced with a stable and precise forming process to ensure high levels of dosing accuracy.
- **Versatile Compatibility:** Engineered for seamless integration with a wide range of Pens and Auto-Injectors, commonly used for self-administration of drugs.
- **Diverse Applications:** Ideal for use in:
 - **Diabetes care:** Reliable and safe for insulin delivery.
 - **Dental care:** Widely utilized for local anesthetics.

Glassco's glass cartridges are crafted to provide unmatched quality, reliability, and safety for pharmaceutical applications worldwide.

Glass Cartridge

Item Code	Tube Dia(mm)	1 Inner Pcs	Inner	Case	Price /Case
619.DC.01	8.65x62	1230	4920	7200	41978

[ENQUIRE](#)



Storage Vial

- Made of Polyethylene
- Used for storage of biological material, human & animal cells at temp. as low as -190°C
- Cap is provided with a built in seal ring making the vial leakproof
- Base of the vial has longitudinal grooves which give it a non-twisting character when placed in a vial rack

Item Code	Capacity (ml)	Pack of	Price /Pack
144.303.01	2.0	500	2123
144.303.02	5.0	500	3318



ENQUIRE



Test Tube with Screw Cap

- Made from Polypropylene
- Tubes provide excellent option for RIA, Coagulation & Bacteriology etc
- Available with screw cap

Item Code	Capacity (ml)	Pack of	Price /Pack
142.303.02	16x100mm Ext. Thread	500	5704



ENQUIRE



SV Vial

- Made of Polypropylene
- Have polypropylene cap with built in seal ring making it a leak proof vial
- Used for the storage of biological material, animal & human cells etc

Item Code	Capacity (ml)	Pack of	Price /Pack
147.303.02	5	500	3587



ENQUIRE

Rack for Scintillation Vial

- Made from Polypropylene, are autoclavable & corrosion resistant.
- There is an individual rack for both 8 ml. & 20 ml. vials.
- These rugged & stable racks can hold scintillation vials for convenient storage, handling & sample preparations.

Item Code	Type	Pack of	Price /Pack
149.303.01	Rack for 90 vials of 8 ml	2	1913
149.303.02	Rack for 50 vials of 20 ml	2	1225



ENQUIRE



Cryo Rack

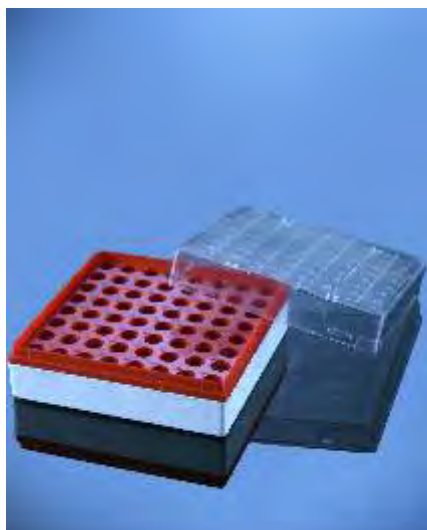
- Made from Polycarbonate making it tough, durable & autoclavable
- Can hold 50 vials at a time
- This rack is provided with four anti skid rubbers & each well is identified with an alpha-numeric index

Item Code	Type	Pack of	Price /Pack
153.303.01	50 places for 1, 1.8 and 4.5 ml Cryo vials	2	1178



ENQUIRE





MCT Twin Rack

- Made from Polypropylene
- Twin Purpose Rack for both 0.5 ml & 1.5 ml. micro centrifuge tubes
- Each side has 108 holes for 0.5 & 1.5 ml. MCT'S, respectively
- Transparent top provides an excellent view as well as a protection cover for the tubes stored
- Each face of the base has a unique alpha-numeric index for easy identification of the tube

Item Code	Capacity (ml)	Pack of	Price /Pack
133.303.01	Rack for 96 PCR Tubes of 0.2 ml	4	1668



ENQUIRE



Cryo Box (Cardboard)

- Made from Polypropylene
- Used for storage and preservation of frozen samples
- These can withstand ultra low temperature in deep freezers and has removable top lid
- These can be used for upright freezers, drawers & chest freezers with dividers and are laminated.
- Material Polypropylene & Cardboard

Item Code	Capacity (ml)	Dimension	Material	Pack of	Price /Pack
155.303.01	81 places for 1ml & 1.8ml	132x132x50	PP	8	1971
155.303.02	100 places for 1ml & 1.8ml	132x132x50	PP	8	1971
155.303.03	81 places for 1.5ml & 2ml	132x132x50	Cardboard	8	2111
155.303.04	100 places for 1.5ml & 2ml	132x132x50	Cardboard	8	2111



ENQUIRE

FOR THE GLASS DROPPERS CODES USE GUIDE BELOW:

Cat. No. Starts with 619 for Dropper Tip, Followed by (.)

TO GENERATE PART NUMBER
FILL ITEM CODES FROM EACH STEPS IN BLANKS :

619 . .

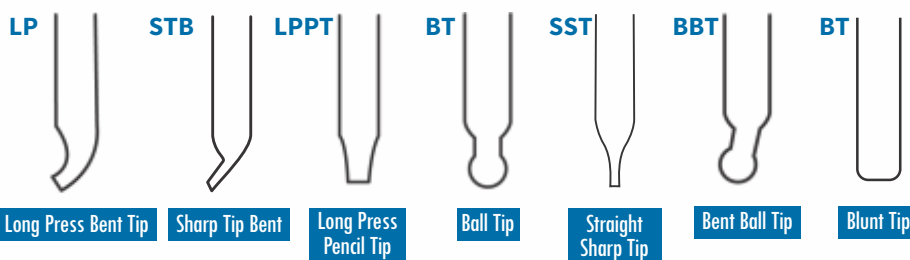
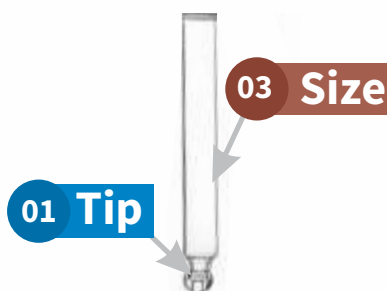
ST1 ST3

For Example :
619.82.13

STEP 01 (ST1)

SELECTION OF DROPPER TIP

Types	Item Code
LP (Long Press Bent Tip)	80
STB (Sharp Tip Bent)	82
LPPT (Long Press Pencil Tip)	84
BT (Ball Tip)	86
SST (Straight Sharp Tip)	88
BBT (Bent Ball Tip)	90
BT (Blunt Tip)	92



CREATE YOUR OWN

DROPPER



SCAN TO SELECT

STEP 03 (ST3)

SELECTION OF DIA X LENGTH

Dia x Length	Item Code
5.25x35	01
5.25x37	02
5.25x45	03
5.25x65	04
5.75x40	05
5.75x45	06
5.75x31	07
6.25x45	08
6.25x59	09
6.25x60	10
6.25x54	11
7.25x42	12
7.25x44	13
7.25x48	14
7.25x54	15
7.25x58	16
7.25x60	17
7.25x62	18
7.25x64	19
7.25x65	20
7.25x66	21
7.25x67	22
7.25x68	23
7.25x70	24
7.25x71	25
7.25x75	26
7.25x77	27
7.25x80	28
7.25x82	29
7.25x88	30
7.25x89	31
7.25x92	32
7.25x94	33
7.25x104	34
7.25x107	35
7.25x108	36
7.25x109	37
7.25x115	38

DROPPER WITH TEAT & CAP

FOR THE STANDARD DROPPER, CAP & TEAT ASSEMBLY CODES
USE GUIDE BELOW:

279 . [] [] [] [] [] [] [] [] [] []

ST1 ST2 ST3 ST4

For Example : 279.80BK.01W

STEP 04 (ST4)

SELECTION OF CAP COLOUR

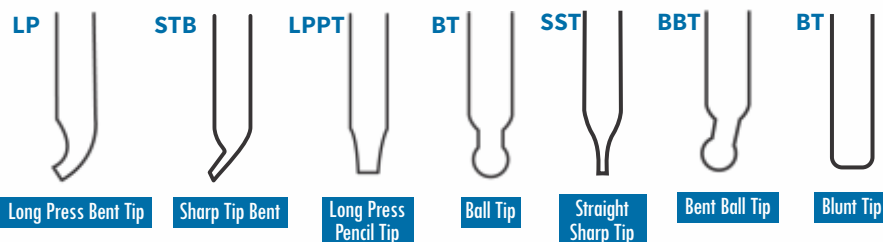
Colour	Colour Code
White	W
Blue	B
Red	R
Yellow	Y
Green	G
Black	BK
Grey	GY
Sky Blue	SB
Pink	P
Violet	V
Orange	O
Silver	S

Cap Material : Polypropylene

STEP 01 (ST1)

SELECTION OF DROPPER TIP

Types	Item Code
LP (Long Press Bent Tip)	80
STB (Sharp Tip Bent)	82
LPPT (Long Press Pencil Tip)	84
BT (Ball Tip)	86
SST (Straight Sharp Tip)	88
BBT (Bent Ball Tip)	90
BT (Blunt Tip)	92



Cat. No. Starts with 279 for Dropper Assembly Followed by (.)

STEP 02 (ST2)

SELECTION OF TEAT COLOUR

Colour Name	Item Code
Black	BK
White	W
Grey	GY

Teat Material : Rubber

STEP 03 (ST3)

SELECTION OF DIA X LENGTH

Dia x Length	Thread Size	Item Code
5.25x35	13	01
5.25x37	13	02
5.25x45	13	03
5.25x65	13	04
5.75x40	13	05
5.75x45	13	06
5.75x31	13	07
6.25x45	16	08
6.25x59	16	09
6.25x60	16	10
6.25x54	16	11
7.25x42	18	12
7.25x44	18	13
7.25x48	18	14
7.25x54	18	15
7.25x58	18	16
7.25x60	18	17
7.25x62	18	18
7.25x64	18	19
7.25x65	18	20
7.25x66	18	21
7.25x67	18	22
7.25x68	18	23
7.25x70	18	24
7.25x71	18	25
7.25x75	18	26
7.25x77	18	27
7.25x80	18	28
7.25x82	18	29
7.25x88	18	30
7.25x89	18	31
7.25x92	18	32
7.25x94	18	33
7.25x104	18	34
7.25x107	18	35
7.25x108	18	36
7.25x109	18	37
7.25x115	18	38

CREATE YOUR OWN

DROPPER WITH CAP



SCAN TO SELECT

EU Dropper Assembly Bottle Set

TO GENERATE PART NUMBER
FILL ITEM CODES FROM EACH STEPS IN BLANKS :

ST1 ST2 ST3 ST4
8 0 B K . 0 9 086.800.03

For Example : 80.BK.01W.086.800.03

CREATE YOUR OWN

DROPPER ASSEMBLY



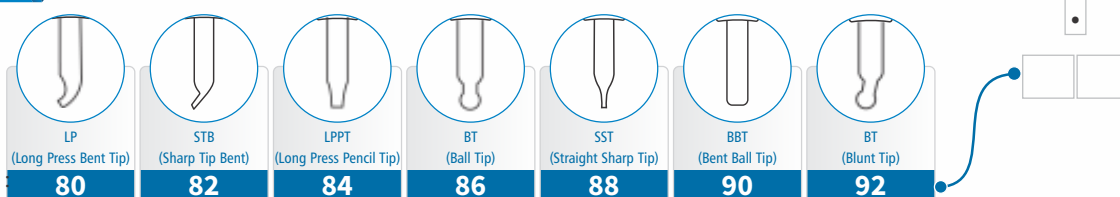
SCAN TO SELECT

FILL ITEM CODES FROM
EACH STEPS IN BLANKS :

V279

STEP
01

SELECTION OF DROPPER TIP



Use Code :

STEP
02

SELECTION OF TEAT COLOUR



Use Code :

STEP
03

SELECTION OF CAP COLOUR

Colour	Colour Code	Colour	Colour Code
White	W	Sky Blue	SB
Blue	B	Pink	P
Red	R	Violet	V
Yellow	Y	Orange	O
Green	G	Silver	S
Black	BK		
Grey	GY		

STEP
04

SELECTION OF DROPPER BOTTLE

Code	Compatible Bottle Capacity (ml)	Bottle's Dial & Height	Compatible dropper size (mm)	Packaging / Inner Packs	Case Quantity	Price /Pack
086.800.03	3	16.25x35	35	209	3135	On Request
086.800.04	3	16.25x37	37	209	3135	On Request
086.800.05	3	16.25x36	36	209	3135	On Request
086.800.06	5	16.25x45	45	209	2508	On Request
086.800.10	7.5	21.25x45	45	120	1440	On Request
086.800.12	10	21.25x59	59	120	1080	On Request
086.800.13*	10	21.25x60	60	120	1080	On Request
086.800.14*	10	21.25x62	62	120	1080	On Request
086.800.15*	10	21.25x63	63	120	1080	On Request

We offer the below mentioned vial in 10 sizes as below and against it the compatible dropper size that fits with this vial is given. It is important to select the complete dropping bottle with dropper and teat & cap accordingly.



Water Stills are carefully designed to produce high purity pyrogen free distilled water.

Unit consist of :

- Horizontal type boiler borosilicate glass
- Condenser
- Constant level device
- Silica sheathed (Quartz) heater
- With stand and clamp etc

Key Features :

- Borosilicate condenser and boiler are fitted with a removable silica sheathe (Quartz) heater.
- Distillate temperature is around 65 to 75°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Teflon stop cork is provided for easy cleaning and maintenance.
- The model is equipped with in-built temperature switch to protect the Glass parts in case of water failure or overheating.

Single stage, water distillation, all glass, horizontal model with inbuilt safety cutoff

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLWS15SG	1.5	1	27328
GLWS25SG	2.5	1	42982
GLWS40SG	4	1	49526

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLWS-SH-15BCS	1.5	Boiling Chamber with Leveller	1	7529
GLWS-SH-25BCS	2.5	Boiling Chamber with Leveller	1	10521
GLWS-SH-40BCS	4	Boiling Chamber with Leveller	1	17963
GLWS-SH-15BCC	1.5	Coil Condenser	1	5925
GLWS-SH-25BCC	2.5	Coil Condenser	1	10509
GLWS-SH-40BCC	4	Coil Condenser	1	16032
GLSI-SH-HS15	1.5	Silica Sheathed (Quartz) Heater	1	7401
GLSI-SH-HS25	2.5	Silica Sheathed (Quartz) Heater	1	9850
GLSI-SH-HS40	4	Silica Sheathed (Quartz) Heater	1	12755



ENQUIRE

Double Stage Water Distillation all Glass Horizontal Model with inbuilt safety cutoff

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLWS15DG	1.5	1	49140
GLWS25DG	2.5	1	90583
GLWS40DG	4	1	100719

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLWS-SH-15BCS	1.5	Boiling Chamber with Leveller	1	7529
GLWS-SH-25BCS	2.5	Boiling Chamber with Leveller	1	10521
GLWS-SH-40BCS	4	Boiling Chamber with Leveller	1	17963
GLWS-SH-15BCC	1.5	Coil Condenser	1	5925
GLWS-SH-25BCC	2.5	Coil Condenser	1	10509
GLWS-SH-40BCC	4	Coil Condenser	1	16032
GLSI-SH-HS15	1.5	Silica Sheathed (Quartz) Heater	1	7401
GLSI-SH-HS25	2.5	Silica Sheathed (Quartz) Heater	1	9850
GLSI-SH-HS40	4	Silica Sheathed (Quartz) Heater	1	12755



ENQUIRE



Single Stage, Water Distillation, Quartz Boiler/Borosilicate Condenser, Vertical Model without safety cutoff

Unit consist of :

- High purity quartz with inbuilt heater
- Bottom discharge joint for easy cleaning
- Spiral condenser is fitted on the boiler with receiving adapter
- Optional safety control unit provided

Conductivity	1. 0-1.5 uS/cm with Borosilicate Condenser 0.5-0.8 uS/cm with Quartz Condenser
Distilled Water Quality	Pyrogen Free
Distillate Temperature	50-60°C

* All Parameters are under standard test conditions

Advantages :

- Quartz can withstand very high temperature variation, thus it is thermal shock proof.
- Rust proof sturdy stand as base.

Key Features:

- Distillate is pyrogen free; also it is free of heavy metals.
- Low maintenance is required.
- Provides instant distilled water in less than one minute

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLSD25BB	2.5	1	44522
GLSD50BB	5	1	84168
GLSD80BB	8	1	145368
GLSD100BB	10	1	190274

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLSD-25-QBS	2.5	Quartz boiling chamber	1	30985
GLSD-50-QBS	5	Quartz boiling chamber	1	59790
GLSD-80-QBS	8	Quartz boiling chamber	1	101512
GLSD-100-QBS	10	Quartz boiling chamber	1	106901
GLSD-25-BCC	2.5	Borosilicate Coil Condenser	1	6036
GLSD-50-BCC	5	Borosilicate Coil Condenser	1	19724
GLSD-80-BCC	8	Borosilicate Coil Condenser	1	21555
GLSD-100-BCC	10	Borosilicate Coil Condenser	1	40719

Accessories for above Distillation unit

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLSI-SCU-1	2.5 & 5	1	18324
GLSI-SCU-2	8 & 10	1	33277



ENQUIRE

Single Stage, Water Distillation, Quartz boiler & Quartz condenser, vertical model without safety cutoff

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLSD25AQ	2.5	1	76213
GLSD50AQ	5	1	144085
GLSD80AQ	8	1	219400

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLSD-25-QBS	2.5	Quartz boiling	1	30985
GLSD-50-QBS	5	Quartz boiling	1	59790
GLSD-80-QBS	8	Quartz boiling	1	101512
GLSD-25-QCC	2.5	Quartz Coil Condenser	1	30985
GLSD-50-QCC	5	Quartz Coil Condenser	1	70591
GLSD-80-QCC	8	Quartz Coil Condenser	1	120302

Accessories for above Distillation unit

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLSI-SCU-1	2.5 & 5	1	18324
GLSI-SCU-2	8 & 10	1	33277



ENQUIRE



All Quartz, Double Stage, Water Distillation Unit, Vertical Model, including Safety cutoff

Unit has been designed keeping in view customer requirements and easy serviceability of the equipment.

Unit consists of :

- Lower boiler with inbuilt heater enclosed in a quartz boiler with a cup on top.
- Demountable upper boiler with built in quartz coil and condensing unit mounted on the boiler with the help of ball and socket joint
- Double walled condenser ensures separate condensation of vapours coming from the two boilers using a single cooling circuit
- Unit mounted on a specially designed metal stand and is also provided with automatic safety Control Unit.

Double Distillate Quality

Specific Conductivity	0.1 us/cm
Biological Activity (distillate quality)	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/ltr

* We recommend a Quartz Reservoir For storage of High purity water.

* All Parameters are under standard test conditions

Item Code	Capacity Ltr/Hr	Pack of	Price /Piece
GLDD15AQ	1.5	1	125546
GLDD25AQ	2.5	1	220683
GLDD40AQ	4	1	367270
GLDD50AQ	5	1	405437

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLDD-15AQ-PB	1.5	Quartz Primary Boiler	1	31306
GLDD-25AQ-PB	2.5	Quartz Primary Boiler	1	39004
GLDD-40AQ-PB	4	Quartz Primary Boiler	1	61376
GLDD-50AQ-PB	5	Quartz Primary Boiler	1	62723
GLDD-15AQ-SC	1.5	Quartz Secondary Boiler	1	119579
GLDD-25AQ-SC	2.5	Quartz Secondary Boiler	1	169472
GLDD-40AQ-SC	4	Quartz Secondary Boiler	1	328038
GLDD-50AQ-SC	5	Quartz Secondary Boiler	1	336121
GLSI-SCU-15AQ	1.5	Safety Cut-off Device	1	19502
GLSI-SCU-25AQ	2.5	Safety Cut-off Device	1	19502
GLSI-SCU-40AQ	4	Safety Cut-off Device	1	33359
GLSI-SCU-50AQ	5	Safety Cut-off Device	1	33359



ENQUIRE

Advantages of Demountable Model :

- Easy cleaning of the first boiler since it can be dismantled from the assembly
- Ease of interchangeability as it is provided with ball & Socket joint
- Boiler and condenser have larger boiling space resulting in balanced boiling and improved quality of distillate Compact and easy to install
- Dual safety Power Cut-off System included in distillation unit price
- New Design of Safety Cut-off System with Dual Safety & Microprocessor Control
- New dual - safety cut off provides accurate values
- Microprocessor Controlled
- LCD Display
- Audible alarm for unsupervised operation

NOTE : ***pH electrodes will NOT give accurate pH values in distilled or de-ionized water. This is because distilled and de-ionized water do not have enough ions present for the electrode to function properly. The readings will drift and be essentially meaningless. In practice, however, most distilled water will have a pH that is slightly acidic (less than 7.0) due to the presence of carbon dioxide (CO₂) that is absorbed from the atmosphere. Dissolved carbon dioxide reacts slowly with water to give the bicarbonate and hydronium ions.

Automatic Water Distillation Unit (Cabinet Still)

Key Features :

- Fully automatic water distillation equipment
- Can be used in research laboratories, hospitals etc
- Made from 3.3 exp borosilicate glass.
- Provides accurate values
- Microprocessor controlled
- LCD display
- Audible alarm for unsupervised operation
- Replaceable silica sheathed (Quartz) heater: fitted on horizontal jacket
- Distillate temperature is around 25 to 45°C ensured by an efficient condenser.
- Metal stand is painted for rust free operation and lustrous appearance.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Boiler is provided with Teflon screw cork for easy draining and cleaning of boiling chamber.
- The front cover is easily removable making the access to the glass parts very easy.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.



Water Distillation

Additional In-built Safety Features:

- Gate Valve: Conserves cooling water wastage in case of power failure.
- Flow Switch: Additional in-built safety feature for the equipment unit shut off in case of cooling water failure.
- Temperature switch: The boiler is equipped with a safety temperature switch which shuts off the unit if water level in the boiler falls below the heater, thus saving the glass parts from any damages.
- Level Sensor: It shuts off the distillation equipment if the water level in the boiler falls below the heater.
- Reservoir Level Sensor: this helps in automatic working of the water distillation equipment. Depending on the water level in the reservoir it will automatically switch On/Off the equipment, thus saving energy. (Reservoir can also be provided with a storage capacity of 5 ltr, 10 ltr & 20 ltr made of Borosilicate Glass or polypropylene)

Single stage, automatic water distillation unit, cabinet still

Item Code	Capacity Ltr/Hr	Stage	Pack of	Price /Piece
GLCM20S	2	Single	1	79677
GLCM40S	4	Single	1	95137
GLCM20D	2	Double	1	123557
GLCM40D	4	Double	1	159610

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLCM-20BCS	2	Boiling Chamber with Leveller for GLCM-20S & GLCM-20D	1	18003
GLCM-40BCS	4	Boiling Chamber with Leveller for GLCM-40S & GLCM-40D	1	21823
GLCM-20BCC	2	Coil Condenser for GLCM-20S & GLCM-20D	1	18003
GLCM-40BCC	4	Coil Condenser for GLCM-40S & GLCM-40D	1	21823

Accessories for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of	Price /Piece
GLSI-SH-HS	2	Silica Sheathed (Quartz) Heater for GLCM-20S, GLCM-40S, GLCM-20D & GLCM-40D	1	9162



ENQUIRE

WATER SOFTENER

Prominent feature :

Softens the hard water and provides good quality water for use in laboratories.

- Remove all the calcium and magnesium ions in hard water and the soft water thus obtained liquid has hardness less than 5 ppm as CaCO_3 .
- Specially designed for easy serviceability and recharging the resin with sodium chloride solution.
- Softened water can be used as feed water to the Distillation Units.
- Use of hard water in boilers, would leave the boiler with a lot of scaling and sedimentation, hence to improve the quality of the distillate and for longer life of the glass/quartz boilers, it is recommended to use softened water.

Item Code	Description	Pack of	Price /Piece
GI000200	Water Softner	1	37092



ENQUIRE





Water Distillation With Chiller

- **Automatic Cut-Offs:** Heater shuts off if condenser water supply is lost, and both heater and valve cut power once the distilled water tank reaches the set level.
- **Water Level Monitoring:** Easy-to-view water level window.
- **Overvoltage Protection:** Circuit breaker for added safety.
- **Smart Operation:** System shuts down at set water level and restarts when it drops.
- **Easy Maintenance:** Steam generator and condenser are easily dismantled for cleaning and scale removal.
- **Compact Design:** Space-saving, user-friendly, and efficient.

Item Code	Capacity/Hr	Price /Piece
GLWS.DAN.05	1.5 Ltr./Hr	383940



ENQUIRE

Specification

Steam Generator Dual	High grade SS Steam Generator
Water condenser Dual	High grade SS Water condenser
Housing material of construction	MS with powder coated finish
Water level monitoring & control	Photo electric sensor
Rate of Distillation	1.5 Ltr/Hour double distillation
Heater	Dual Immersion Heater
Heater wattage	2500 W each
Distilled water collection tank	Dual PVC Collection tank
Distilled water tank capacity	5 Ltr
Membrane key pad with indications	4.3" Touch with membrane keyboard
Electrical Requirement	115 V/60 Hz/single phase

All Glass Water Distillation (Automatic)

This is designed for precise and efficient operation, featuring advanced microcontroller-based electronic circuitry for seamless user interaction. The alphanumeric LCD displays real-time messages, providing clear and intuitive guidance during operation.

- **Environment-Friendly Design:** Engineered for sustainable and efficient operation.
- **One-Touch Operation:** Fully automatic, intelligent dual-stage system for ease of use.
- **Energy-Saving Control:** Automatically turns off the heater and closes the cooling water inlet after reaching the set output volume, conserving energy and resources.
- **Boiler Safety:** Detects low water levels in the boiler to prevent damage to the heater.
- **Cooling Water Conservation:** Gate valve minimizes water wastage during power failures.
- **Built-In Safety Features:** A flow switch shuts off the unit in case of cooling water failure, with buzzer alerts and error messages displayed until flow is restored.
- **User-Friendly Interface:** Equipped with an alphanumeric LCD and keypad for easy settings and real-time system messages.
- **Advanced Functionalities:** Includes auto-cleaning detection, probe error alerts, and soft calibration to adjust for seasonal temperature and flow rate variations.
- **Manual Override:** Flow sensor and solenoid valve can be manually overridden when necessary.
- **Serviceability:** Features a replaceable quartz heater for easy maintenance.
- **Enhanced Safety:** Protects users and equipment from power or wattage fluctuations.



Item Code	Capacity/Hr	Price /Piece
DN.WD.01	2 Ltr/hr	Price on Request
DN.WD.02	4 Ltr/hr	Price on Request



Specification

Output Cap. (approx.)	2 Ltr/Hr	4 Ltr/Hr
Stage	Double Stage	Double Stage
Cooling water requirement (approx.)	2 Ltr/Min	2-4 Ltr/Min
Conductivity uS/cm	0.8-1.0	0.8-1.0
Power Rating (Total)	3.0 KW	6.0 KW
AC Voltage	115 - 240 VAC	115 - 240 VAC
AC Frequency	50 - 60 Hz	50 - 60 Hz



Transfer Pipettes

Item Code	Volume	Pack of	Price /Pack
102.303.01	1 ml Bulk	500	894
102.303.02	1 ml Bulk Sterile	50 x 10	1674
102.303.03	1 ml Individually Wrap Sterile	300 x 1	3283
102.303.04	3 ml Bulk	500	932
102.303.05	3 ml Bulk Sterile	50 x 10	1782
102.303.06	3 ml Individually Wrap Sterile	500	14040



ENQUIRE



Petri Dish With Triple Vent Radiation Sterile

Item Code	O.D. x Height (mm)	Pack of	Price /Pack
159.303.02	35 x15	500	3477
159.303.03	35 x15	500 Sleeves of 10	3251
159.303.04	60x15	250	1939
159.303.05	60x15	360 Sleeves of 15	2643
159.303.01	90x14	450 individual Packing	647
159.303.06	90x14	480 Packed in Sleeve of 10	4012
159.303.07	90x14	480 Packed in Sleeve of 20	3913
159.303.08	140x16	136	5001



LEAKPROOF



ENQUIRE



Petri Dish Non Vented Radiation Sterile

Item Code	O.D. x Height (mm)	Pack of	Price /Pack
159.303.09	90X14	450	4213
159.303.10	90X14	480 Packed in Sleeve of 10	4013
159.303.11	90X14	480 Packed in Sleeve of 20	3913



LEAKPROOF



ENQUIRE

Aseptic Petri Dish

Item Code	O.D. x Height (mm)	Pack of	Price /Pack
159.303.12	90X14	450 individually Packed	3744
159.303.13	90X14	500 Packed in Sleeve of 20	3758



ENQUIRE



Carboy PP

Material : Polypropylene, Autoclavable

Item Code	Capacity (Ltrs.)	Pack of	Price /Pack
195.303.01	10	1	2899
195.303.02	20	1	4110



ENQUIRE



Glass Dryer

Item Code	Product Description	Pack of	Price /Pack
DN.DY.01	Glass Dryer	1	On Request



ENQUIRE





Aspirator Bottles

- Made of Polypropylene and are therefore much lighter than glass
- These are autoclavable, durable & dependable
- The leakproof spigot screwed to the bottle body requires only a half turn to open or close
- These bottles are used for storing or dispensing distilled water & other laboratory solutions
- Cap and Stopcock should be removed before autoclaving this aspirator bottles.

Item Code	Capacity (Ltrs.)	Pack of	Price /Pack
108.303.01	5	1	2189
108.303.02	10	1	3582
108.303.03	20	1	4927



ENQUIRE



Micro Centrifuge Tube

- Made of Polypropylene
- Built in plugs make these tubes leakproof
- Used for transmitting sample for micro analysis

Item Code	Capacity (ml)	Pack of	Price /Pack
130.303.01	0.5	1000	1184
130.303.02	1.5	1000	1306
130.303.04	2.0	500	653



ENQUIRE



Micro Centrifuges Tube, PP (Individually Wrapped, Sterile)

- Made of Polypropylene
- Built in plugs make these tubes leakproof
- Used for transmitting sample for micro analysis

Item Code	Capacity (ml)	Pack of	Price /Pack
130.303.05	0.5	250	1080
130.303.06	1.5	100	464
130.303.07	2	250	481



ENQUIRE

Cryo Vials Sterile, Material- PP/HDPE

Item Code	Product Description	Capacity (ml)	Pack of	Price /Pack
152.303.06	Ext Thread , Sterile	1.8	1000	12601
152.303.07	Ext Thread Sterile	4.5	500	9958
152.303.08	Internal Thread with silicon Washer	1.8	1000	15057



ENQUIRE



Cryochill Coder

Item Code	Product Description	Pack of	Price /Pack
152.303.01	Crto chill Coder Material - PP, White colour	100	259
152.303.02	Crto chill Coder Material - PP, Blue Colour	100	259
152.303.03	Crto chill Coder Material - PP, Red Colour	100	259
152.303.04	Crto chill Coder Material - PP, Yellow Colour	100	259
152.303.05	Crto chill Coder Material Green Colour	100	259



ENQUIRE



Storage Vials

Item Code	Product Description	Pack of	Price /Pack
152.303.11	1ml star foot	1000	5280
152.303.12	2ml Star Foot	1000	5761
152.303.13	4.5ml Star Foot	500	3300
152.303.14	2 Self Standing	1000	5280
152.303.15	4.5 Self Standing	500	3300



ENQUIRE





Storage Vials, Amber

Item Code	Product Description	Pack of	Price /Pack
151.303.04	1ml star foot	1000	6864
151.303.05	2ml Star Foot	1000	7491
151.303.06	4.5ml Star Foot	500	4290
151.303.07	2 Self Standing	1000	6864
151.303.08	4.5 Self Standing	500	4290



ENQUIRE



Bottle, Reagent with Cap, Narrow Mouth, Polypropylene

- Made from Polypropylene
- The PP bottles are rigid, translucent and have excellent contact clarity
- These bottles can be autoclaved filled as well as empty
- On the other hand, the Polypropylene bottle too have excellent strength and are unbreakable
- The Polypropylene Cap has a built in seal ring to make these bottles leakproof

Item Code	Capacity (ml)	Pack of	Price /Pack
106.303.06	4	72	916
106.303.07	8	72	1182
106.303.08	15	72	1362
106.303.09	30	72	1833
106.303.01	60	72	2465
106.303.02	125	72	3384
106.303.03	250	72	5473
106.303.04	500	48	4865
106.303.05	1000	24	4565
106.303.10	2000	6	3102
106.303.11	4000	6	6037



ENQUIRE

Bottle, Reagent with Cap, Narrow Mouth, HDPE

Item Code	Type	Capacity (ml)	Pack of	Price /Pack
106.303.12	Clear	4	72	814
106.303.13	Clear	8	72	1099
106.303.14	Clear	15	72	1185
106.303.15	Amber	4	72	1013
106.303.16	Amber	8	72	1283
106.303.17	Amber	15	72	1467
106.303.18	Clear	30	72	1633
106.303.19	Amber	30	72	2202
106.303.20	Clear	60	72	2192
106.303.21	Amber	60	72	2837
106.303.22	Clear	125	72	3009
106.303.23	Amber	125	72	3824
106.303.24	Clear	250	72	4833
106.303.25	Amber	250	72	6004
106.303.26	Clear	500	48	4011
106.303.27	Amber	500	48	5402
106.303.28	Clear	1000	24	3755
106.303.29	Amber	1000	24	5779
106.303.30	Clear	2000	6	3102
106.303.31	Clear	4000	6	6037



ENQUIRE



Bottle, Reagent with Cap, Narrow Mouth, LDPE

Item Code	Capacity (ml)	Pack of	Price /Pack
197.303.02	4	72	On Request
197.303.03	8	72	916
197.303.04	15	72	1099
197.303.05	30	72	1549
197.303.06	60	72	2017
197.303.07	125	72	2730
197.303.08	250	72	4368
197.303.09	500	48	3577
197.303.10	1000	24	3405
197.303.01	4000	1	On Request



ENQUIRE





Bottle, Reagent with Cap, Wide Mouth, Polypropylene

- Made from Polypropylene
- The PP bottles are rigid, translucent and have excellent contact clarity
- These bottles can be autoclaved filled as well as empty
- On the other hand, the Polypropylene bottle too have excellent strength and are unbreakable
- The Polypropylene Cap has a built in seal ring to make these bottles leakproof

Item Code	Capacity (ml)	Pack of	Price /Pack
107.303.06	30	72	2202
107.303.01	60	72	2933
107.303.02	125	72	4008
107.303.03	250	72	6283
107.303.04	500	48	5642
107.303.05	1000	24	5263



ENQUIRE



Bottle, Reagent with Cap, Wide Mouth, HDPE

Item Code	Type	Capacity (ml)	Pack of	Price /Pack
107.303.07	Clear	30	72	2017
107.303.08	Clear	60	72	2643
107.303.09	Clear	125	72	3641
107.303.10	Clear	250	72	5644
107.303.11	Clear	500	48	5099
107.303.12	Amber	30	72	2571
107.303.13	Amber	60	72	3194
107.303.14	Amber	125	72	4471
107.303.15	Amber	250	72	6826
107.303.16	Amber	500	48	6189
107.303.17	Clear	1000	24	4740
107.303.18	Amber	1000	24	6641



ENQUIRE



Bottle with Cap, Wide Mouth - LDPE

Item Code	Capacity (ml)	Pack of	Price /Pack
107.303.19	30	72	1833
107.303.20	60	72	2379
107.303.21	125	72	3295
107.303.22	250	72	5142
107.303.23	500	48	4673
107.303.24	1000	24	4308



ENQUIRE

Reagent Bottle, Square Bottom, With Cap, PP

Material : Polypropylene, Autoclavable

Item Code	Capacity (ml)	Case	Price /Case
198.303.01	250	60	16375
198.303.02	500	48	18517
198.303.03	1000	24	12385



ENQUIRE



Media Bottle with Cap, PETG, Sterile

Item Code	Capacity (ml)	Case	Price /Case
116.303.01	30	96	9953
116.303.02	60	96	12840
116.303.03	125	96	17120
116.303.04	250	48	11546
116.303.05	500	48	14930
116.303.06	1000	24	10924
116.303.07	2000	12	9381



ENQUIRE



Media Bottle with Cap, PETG, Individually Wrapped Sterile

Item Code	Capacity (ml)	Closure	Case	Price /Case
116.303.08	60	HDPE	40	10616
116.303.09	125	HDPE	60	18314
116.303.10	250	HDPE	54	23828
116.303.11	500	HDPE	70	41804
116.303.12	1000	HDPE	50	41804
116.303.13	2000	HDPE	20	41804



ENQUIRE





Media Bottle with Cap, PET, Sterile

Item Code	Capacity (ml)	Case	Price /Case
116.303.14	125	96	6660
116.303.15	250	60	5151
116.303.16	500	48	5996
116.303.17	1000	24	3899

120°C
SSSS

5

PP

LEAKPROOF



ENQUIRE



Media Bottle with Cap, PET, Individually Wrapped Sterile

Item Code	Capacity (ml)	Closure	Case	Price /Case
116.303.18	125	HDPE	60	7508
116.303.19	250	HDPE	54	8357
116.303.20	500	HDPE	70	15314
116.303.21	1000	HDPE	50	14640

120°C
SSSS

5

PP

LEAKPROOF



ENQUIRE

Media Bottle with Cap, PC, Individually wrapped Sterile

Item Code	Capacity (ml)	Closure	Case	Price /Case
116.303.29	30	HDPE	46	6575
116.303.30	60	HDPE	40	7365
116.303.31	125	HDPE	40	10688
116.303.32	250	HDPE	54	17852
116.303.33	500	HDPE	70	32718
116.303.34	1000	HDPE	50	31262
116.303.35	2000	HDPE	20	21497



ENQUIRE



Media Bottle with Cap, PC, Sterile

Item Code	Capacity (ml)	Case	Price /Case
116.303.22	30	96	12475
116.303.23	60	96	16068
116.303.24	125	48	11659
116.303.25	250	48	14426
116.303.26	500	24	10198
116.303.27	1000	24	13641
116.303.28	2000	12	11727



ENQUIRE



PRECISION BEGINS WITH CLARITY

DAN[®]
— LOGITECH —
Glassco Group



BENCHTOP INSTRUMENTS

startupindia



DAN LOGITECH INSTRUMENTS PVT. LTD.

DIGITAL MAGNETIC STIRRER WITH HOTPLATE

Wifi Based with CeraClick-System



* 500PP.DNDG



HEAT
1300W



STIR
2000 RPM



Neoceram
N11 Plate



LCD
Display



Capacity
5000ml



Ambient to
550°C



PT 1000 Temp.
Sensor



Toggle
button



Celsius/
Fahrenheit



IP
CLASS
IP 21



Enquire Now



Enquire Now



Enquire Now

Item Code	Volts/Hz	Watts	Price / Piece
500B.DNDG.01	230/50	1300	On Request

Item Code	Volts/Hz	Watts	Price / Pc
500P.DNDG.01	230/50	1300	On Request

Item Code	Volts/Hz	Watts	Price / Piece
500PP.DNDG.01	230/50	1300	On Request

Specification

Heating plate material	Glass Ceramic Top Plate
Dimension of heating plate	180 x 180 mm
Display windows	LCD WHITE
Speed range	~2000 RPM
Power	1300 W
Heating capacity	5 Ltr
Stirring capacity	20 Ltr
Temperature range	Ambient to 550°C
Adjustable safety cut off	580°C

Control accuracy of sensor	± 1K
Weight	5.2 kg
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Dimensions	378 x 220 x 103 mm
Voltage	230 V*
Frequency	50 Hz*
DIN EN 60529	IP 21

Differentiation	500B.DNDG	500P.DNDG	500PP.DNDG
Timer Range	-	00:01-99:59 Min	00:01-99:59 Min
pH Sensor	-	-	Upto 5 Points
Wifi	-	-	Yes
CeraClick-System™	-	-	Yes
Independent Knob Heating & Stirring	Yes	-	-

Included Accessories

550.500.01	Rod Stainless Steel length 500 mm, Ø 12 mm
550.500.02	Magnetic Stirring bar 25 mm x 8 mm
550.500.03	PT 1000 sensor probe
550.500.04	Probe Clamp
550.500.04	pH Electrode

DIGITAL MAGNETIC STIRRER WITH HOTPLATE

Ceramic Coated Stainless Steel Top



* 900.DNDG



HEAT
650W



STIR
1500 RPM



Chemical
Resistant



3 LED
Display



Capacity
2000ml



Ambient to
350°C



PT 100 Temp.
Sensor



Toggle
button



Celsius/
Fahrenheit



IP
CLASS
IP 32



Enquire Now

Item Code	Volts/Hz	Watts	Price / Piece
900.DNDG.01	230/50	1300	On Request



Enquire Now

Item Code	Volts/Hz	Watts	Price / Piece
610.DNDG.01	230/50	1300	On Request



Item Code	Volts/Hz	Watts	Price / Piece
800.DNDG.01	230/50	1300	On Request

Specification

Dimension of heating plate	Ø150 mm
Three display windows for	Temp., RPM and Time
Speed range	50 - 1500 RPM
Heat output	650 W
Heating capacity	2 Ltr
Stirring capacity	20 Ltr
Maximum Stirring bar Length	upto 80mm bar (at lower speed)
Temperature range	Ambient to 350°C
Adjustable safety cut off	50 - 400°C
Control accuracy of PT 100	± 1K
Weight	3.2 kg
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Dimension of hot plate	273 x 160 x 102 mm
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 32

Differentiation

	900.DNDG	610.DNDG	800.DNDG
Top Plate	Ceramic Coated	Aluminum Alloy	Stainless Steel
Adapter	No	Yes	No
Plate Dimension of Heating	Ø150	Ø145	Ø150

Included Accessories

Item Code	Accessories
850.800.01	Rod Stainless Steel Length 400mm, Ø 12mm
850.800.02	Magnetic Stirring bar 35mmx8mm
850.800.03	Moulded PT 100 Sensor
850.800.04	Boss head

Other Accessories, flask adapter for 610.DNDG.01

Item Code	Round Bottom Flask Capacity (ml)	Places	Price / Piece
610.ADP.00	10	8	18009
610.ADP.01	25	7	18009
610.ADP.02	50	4	18009
610.ADP.03	100	1	18009

*Ø135 - To be order separately

ANALOGUE MAGNETIC STIRRER WITH HOTPLATE

SS & Aluminium Alloy
Ceramic Coated Top

* 710.DNAG



HEAT
650W



STIR
1600 RPM



Chemical
Resistant



Dual
Knobs



Capacity
2000ml



Ambient to
350°C



Hot Top
Indicator



Celsius/
Fahrenheit



IP
CLASS
IP 22

Item Code	Volts/Hz	Watts	Price /Piece
710.DNAG.01	230/50	650	19872
610.DNAG.01	230/50	650	19548
730.DNAG.01 (Hotplate)	230/50	650	21384

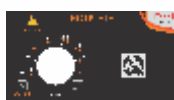


Enquire Now



Enquire Now

Differentiation	710.DNAG	610.DNAG	730.DNAG
Top Plate	SS-304 Ceramic Coated	Aluminum Alloy	SS 304 Ceramic Coated
Plate Dimension of Heating	Ø150	Ø145	Ø150



Specification

	710.DNAG.01	610.DNAG.01	730.DNAG.01
Speed range	50-1600 RPM		
Maximum stirring bar Length	Can use upto 80 mm bar (at lower speed)		
Temperature Range	Ambient to 350°C approx		
Dimensions of hot plate body	273x160x102mm		
Weight of body	3.0 kgs		
Permissible ambient Temperature	5 - 40 °C		
Permissible relative moisture	80%		
Weight of Capacity	20 Ltr		
IP Class	22		

Accessories

Item Code	Accessories	Price /Piece
850.800.01	Rod Stainless Steel Length 400mm, Ø 12mm	2916
850.800.02*	Magnetic Stirring bar 35mmx8mm	502
850.800.04	Boss head	4374

*Included

Other Accessories, flask adapter for 610.DNAG.01

Item Code	Round Bottom Flask Capacity (ml)	Places	Price / Piece
610.ADP.00	10	8	18009
610.ADP.01	25	7	18009
610.ADP.02	50	4	18009
610.ADP.03	100	1	18009

*Ø135 - To be order separately

DAN
LOGITECH

DRY BLOCK HEATER



* 750.DNEU



HEAT
170-340W



Chemical
Resistant



2 LED
Display



Ambient to
130°C



PT 1000 Temp.
Sensor



Celsius/
Fahrenheit



IP
CLASS
IP 21

Item Code	Volts/Hz	Watts	Price /Piece
740.DNEU.01	230/50	170	46500
750.DNEU.01	230/50	340	47850



Enquire Now

Specification

Number of blocks	1	2
Heat output	170 W	340 W
Heating temperature range	120°C	120°C
Temperature display	YES	YES
Adjustment & display resolution	1K	1K
Connection for ext. temp probe	DIN	DIN
Temperature sensor	PT 1000	PT 1000
Set-up plate material	Aluminium alloy	Aluminium alloy
Set-up plate dimensions	95 x 76 x 51 mm	95 x 76 x 51 mm per block
Fixed safety circuit	130	130
Timer	YES	YES
Time setting range	1-5999	1-5999
Counter	YES	YES
Counter setting range	1-5999	1-5999
Dimensions	160 x 80 x 71	163x106x332
Weight of body	2.8 kg (Approx.)	2.9 kg (Approx.)
Permissible ambient temp	5 - 40°C	5 - 40°C
Permissible relative humidity	80%	80%
Voltage	230 V	230 V
Frequency	50 Hz	50 Hz
DIN EN 60529	IP 21	IP 21



740.DNEU.01

Included Accessories

Item Code	Accessories
740.00.01	Probe
740.00.02	Single Block

*Specify cavity size during ordering in Dia x Height (DxH)

3 POSITION ANALOGUE MAGNETIC STIRRER WITH HOTPLATE (SS TOP)



HEAT
1350W



STIR
1600 RPM



Chemical
Resistant



6
Knobs



Capacity
2000ml each



Ambient to
350°C



Hot Top
Indicator



Celsius/
Fahrenheit



IP
CLASS
IP 21

Item Code	Volts/Hz	Watts	Price /Piece
716.DNAG.01	230/50	(450x3) 1350	57200



Enquire Now

Specification

Heating plate material	Stainless Steel
Dimension of heating plate	Ø150 mm
Stirring capacity	2 Ltr each station
Speed range	1600 RPM
Stirring position	3
Maximum stirring range	Can use upto 80mm bar Lower speed
Maximum plate temperature	350°C
Overall dimensions	505 x 246 x 195 mm
Plate dimensions	504 x 175 x 30 mm
Weight	7.0 kg (Approx.)
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 21

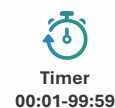
Included Accessories

Item Code	Accessories	Price /Piece
850.800.02	Magnetic Stirring bar 35mmx8mm	502

DIGITAL FLAT STIRRER



* 430.DNDG



Item Code	Volts	Hz	Price /Piece
430.DNDG.01	100-240	50/60	13500



Specification

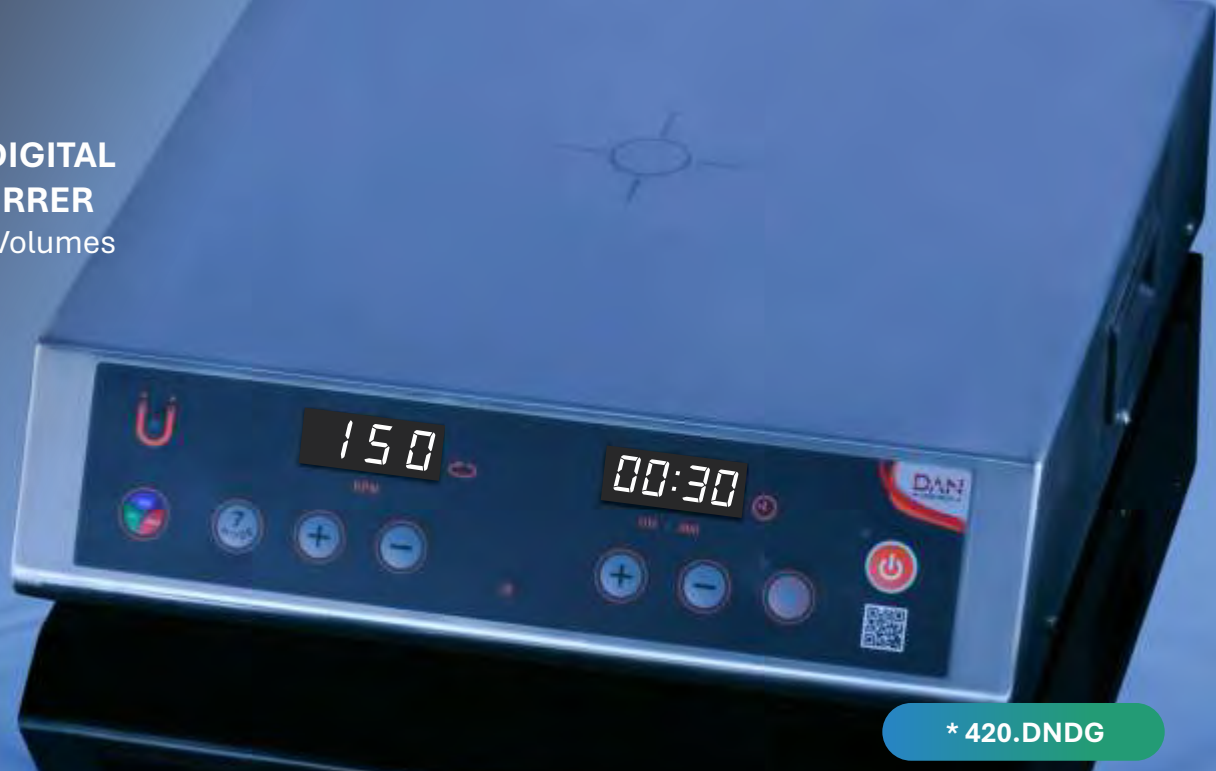
Number of stirring positions	1
Stirring capacity	800 ml
Speed range	10 - 1500 RPM
Max. stirring bar length	25 x 8 mm
Material	Polyster
Top plate dimensions	Ø100 mm
Dimensions	122 x 12 x 182 mm
Weight	450 gm
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80 %
Power input	6 W
Max. load capacity	10 kg
Voltage	100 - 240 V
Frequency	50 Hz
DIN EN 60529	IP 65

Included Accessories

Item Code	Accessories	Price /Piece
550.500.02	Magnetic Stirring bar 25mmx8mm	464

HEAVY DUTY DIGITAL MAGNETIC STIRRER

SS Top for Large Volumes



* 420.DNDG



STIR
2000 RPM



Chemical
Resistant



2 LED
Display



Capacity
20-200 Ltr.



7
MODE
Choices



Clock &
Anticlock



Timer
00:01-99:59



Optional
Remote



IP
CLASS
IP 20

Item Code	Volts	Hz	Watts	Capacity (Ltr)	Price /Piece
420.DNDG.01	100-240	50/60	50	20	59500
440.DNDG.01	100-240	50/60	50	40	64350
450.DNDG.01	100-240	50/60	50	50	71950
4100.DNDG.01	100-240	50/60	50	100	105325
4200.DNDG.01	100-240	50/60	50	200	109130



Enquire Now

Specification

Speed range	100 - 2000 RPM
Timer range	1min - 99:59min
Stirring power mode	50%, 75%, 100%
Acceleration mode	Yes
Timer bypass	Yes
Display type	LED
Stirring power	50 W
Operating output voltage	24 VDC
Dimensions	370 x 415 x 115 mm
Weight approx.	11 kg
Material housing	Stainless Steel grade 304
Permitted operation conditions	5 - 40°C at 80% humidity
Input Voltage	100-240 V
Frequency	50/60 Hz
IP class	20

Accessories

Item Code	Accessories	Price /Piece
420.00.01	Remote (Wired)	8450
420.00.02	Remote IR (Wireless)	8750
420.00.03	Trolley Truck	On Request
420.00.04	Magnetic Stirring bar 17x55 mm	On Request



420.00.01



420.00.02



420.00.03

5 POSITION DIGITAL MAGNETIC STIRRER WITH HEATING

Labs-Connect™ Technology



* 411.DNDG



HEAT
220W



STIR
1000 RPM



Chemical
Resistant



3 LED
Display



Capacity
5 x 400ml



Continuous
Stir Mode Key



Ambient to
120°C



50, 75 & 100%
Stir Power



Clock &
Anticlock

6
MODE

Choices



IP 40

Item Code	Volts/Hz	Watts	Heat	WIFI	Price /Piece
411.DNWDG.01	230/50	220	✓	✓	51000
411.DNDG.01	230/50	220	✓	✗	49000



Enquire Now

Specification

Set-up plate material	Aluminum
Silicone Mat	Yes
Number of stirring positions	5
Stirring position distance	90 mm
Speed range	0 - 1000 RPM
Speed control	10 RPM/click
Stirring capacity	2 Ltr
Max. stirring bar length	30 x 8 mm
Heating temperature range	Room temp. - 120°C
Control display	LED
Input Type	Key Button
Adjustable safety circuit min.	50°C
Adjustable safety circuit max.	130°C
Timer range	1 min - 99:59 min
Set-up plate dimensions	514 x 122 mm
Dimensions	600 x 120 x 80 mm
Weight	4.4 kg (Approx.)
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80 %
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 40

Included Accessories

Item Code	Accessories	Price /Piece
411.00.01	(5) Magnetic Stirring bar 30mm x 8mm	4860

15 POSITION DIGITAL MAGNETIC STIRRER WITH HEATING

Labs-Connect™ Technology



* 415.DNDG



HEAT
750W



STIR
1000 RPM



Chemical
Resistant



3 LED
Display



Capacity
15 x 400ml



Continuous
Stir Mode Key



Ambient to
120°C



50, 75 & 100%
Stir Power



Clock &
Anticlock

6
MODE

Choices



IP 40

Item Code	Volts/Hz	Watts	Heat	WIFI	Price /Piece
415.DNWDG.01	230/50	750	✓	✓	94500
415.DNDG.01	230/50	750	✓	✗	86500
414.DNDG.01	230/50	50	✗	✗	84500



Enquire Now

Specification

Set-up plate material	Aluminum
Silicone mat	Yes
Number of stirring positions	15
Stirring position distance	90 mm
Speed range	0 - 1000 RPM
Speed control	10 RPM/click
Stirring capacity	6 Ltr (400mlx15)
Max. stirring bar length	30 x 8 mm
Heating temperature range	Room temp. to 120°C
Display type	LED
Input Type	Key Button
Adjustable safety circuit min.	50°C
Adjustable safety circuit max.	130°C
Timer range	1 min - 99:59 min
Set-up plate dimensions	274 x 504 mm
Dimensions	281 x 81 x 609 mm
Weight	10.6 kg (Approx.)
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80 %
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 40

Included Accessories

Item Code	Accessories	Price /Piece
411.00.01	(5) Magnetic Stirring bar 30mm x 8mm	4860

DAN
LOGITECH

ANALOGUE HEATING MANTLE

BlackDiamond™



* 1220.DNEU



HEAT
200-1850W



Chemical
Resistant



HEAT
Selection



Capacity
upto 20000ml



Ambient to
400°C



CLASS
IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	Dimension (mm)	Price /Piece
1220.DNEU.01	100*	200	167x240x182	10660
1220.DNEU.02	250*	200	167x240x182	10660
1220.DNEU.03	500*	250	217x287x203	11907
1220.DNEU.04	1000*	350	217x287x203	11907
1220.DNEU.05	2000*	500	309x390x262	15309
1220.DNEU.06	3000*	500	309x390x262	15309
1220.DNEU.08	5000*	650	309x390x262	16103
1220.DNEU.09	6000	650	-	On Request
1220.DNEU.10	10000	1250	-	26200
1220.DNEU.11	20000	1850	-	32585



Enquire Now

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	upto 20 Ltr
Temperature range	~400°C
Control accuracy	10%
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 10

Optional Accessories

Item Code	Accessories	Price /Piece
1221.00.01	SS Rod (545mm, Ø 9.8mm)	814
850.800.04	Bosshead	4374

DIGITAL HEATING MANTLE

BlackDiamond™



* 1222.DNEU


HEAT
200-650W


Chemical
Resistant


HEAT
Selection


1 LED
Display


Ambient to
400°C


Capacity
upto 5000ml


PT 100 Temp.
Sensor


Toggle
button


Celsius/
Fahrenheit


IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	Dimension (mm)	Price /Piece
1222.DNEU.01	100*	200	167x240x182	17334
1222.DNEU.02	250*	200	167x240x182	17334
1222.DNEU.03	500*	250	217x287x203	18952
1222.DNEU.04	1000*	350	217x287x203	18952
1222.DNEU.05	2000*	500	309x390x262	26001
1222.DNEU.06	3000*	500	309x390x262	26001
1222.DNEU.08	5000*	650	309x390x262	26001



Enquire Now

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	Upto 5 Ltr
Temperature range	~400°C
Control accuracy	10%
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 10

Included Accessories

Item Code	Accessories	Price /Piece
1221.00.01	SS Rod (545mm, Ø 9.8mm)	814
850.800.03	Moulded PT 100 Sensor	7020
850.800.04	Bosshead	4374

ANALOGUE HEATING MANTLE WITH STIRRER

BlackDiamond™



* 1223.DNEU



HEAT
200-670W



STIR
800 RPM



HEAT/STIR
Selection



Ambient to
400°C



Capacity
upto 5000ml



CLASS
IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	Dimension (mm)	Price /Piece
1223.DNEU.01	100*	220	167x240x182	16686
1223.DNEU.02	250*	220	167x240x182	16686
1223.DNEU.03	500*	270	217x287x203	16686
1223.DNEU.04	1000*	370	217x287x203	18021
1223.DNEU.05	2000*	520	309x390x262	21692
1223.DNEU.06	3000*	520	309x390x262	21692
1223.DNEU.08	5000*	670	309x390x262	21692



Enquire Now

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	Upto 5 Ltr
Temperature range	~400°C
Control accuracy	10%
Variable speed range	~800 RPM
Weight	2.5 kg
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 10

Included Accessories

Item Code	Accessories	Price /Piece
1500.150.01*	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)	550
1500.150.02*	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)	367
1221.00.01	SS Rod (545mm, Ø 9.8mm)	814
850.800.04	Bosshead	4374

DAN
LOGITECH

DIGITAL HEATING MANTLE WITH STIRRER

BlackDiamond™



* 1221.DNEU



HEAT
200-670W



STIR
800 RPM



HEAT/STIR
Selection



1 LED
Display



Ambient to
400°C



PT 100 Temp.
Sensor



Capacity
upto 5000ml



Celsius/
Fahrenheit



IP CLASS
IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	Dimension (mm)	Price /Piece
1221.DNEU.01	100*	220	167x240x182	26136
1221.DNEU.02	250*	220	167x240x182	27791
1221.DNEU.03	500*	270	217x287x203	29022
1221.DNEU.04	1000*	370	217x287x203	35424
1221.DNEU.05	2000*	520	309x390x262	37423
1221.DNEU.06	3000*	520	309x390x262	33566
1221.DNEU.08	5000*	670	309x390x262	35964



Enquire Now

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	Upto 5 Ltr
Temperature range	~400°C
Control accuracy	10%
Variable speed range	~800 RPM
Weight	2.5 kg
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 10

Included Accessories

Item Code	Accessories	Price /Piece
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)	550
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)	367
1221.00.01	SS Rod (545mm, Ø 9.8mm)	814
850.800.03	Moulded PT 100 Sensor probe	7020
850.800.04	Bosshead	4374

ADVANCED DIGITAL HEATING MANTLE WITH STIRRER

BlackDiamond™ PRO



* 1225.DNEU


HEAT
220-670W


STIR
800 RPM


Chemical
Resistant


3 LED
Display


Ambient to
350°C


PT 100 Temp.
Sensor


Toggle
button


Celsius/
Fahrenheit


Timer
00:01-99:59


Capacity
upto 5000ml


CLASS
IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	Dimension (mm)	Price /Piece
1225.DNEU.01	100*	220	167x240x182	30256
1225.DNEU.02	250*	220	167x240x182	30256
1225.DNEU.03	500*	270	217x287x203	30591
1225.DNEU.04	1000*	370	217x287x203	30591
1225.DNEU.05	2000*	520	309x390x262	35316
1225.DNEU.06	3000*	520	309x390x262	35316
1225.DNEU.08	5000*	670	309x390x262	36488



Enquire Now

Specification

Display type	LED Segment
Temperature range	~350°C
Temperature step size	1°C
Temperature resolution	±1°C
Stir range	50 to 800 RPM
Stir step size	50 RPM
Weight	3.2 kg
Timer range	1 min - 99:59 min
Timer step size	00:01
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 10

Included Accessories

Item Code	Accessories	Price /Piece
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)	550
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)	367
1221.00.01	SS Rod (545mm, Ø 9.8mm)	814
850.800.03	Moulded PT 100 Sensor probe	7020
850.800.04	Bosshead	4374

DAN
LOGITECH

ANALOGUE HEATING MANTLE COMBINED UNIT



* 2600.DNEU



HEAT
600-1500W



Chemical
Resistant



HEAT
Selection



Ambient to
400°C



Mild Steel
Body



Capacity
upto 500ml



IP
CLASS
IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	No. of Position	Price /Piece
2600.DNEU.01	100	600	3/3	24154
2600.DNEU.02	250	600	3/3	24608
2600.DNEU.03	500	750	3/3	27103
2600.DNEU.04	100	1200	6/6	31185
2600.DNEU.05	250	1200	6/6	37200
2600.DNEU.06	500	1500	6/6	39500



Enquire Now

Specification

Heating Mantle Body	Mild steel
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	Upto 500 ml
Temperature Range	Approx. 400°C
Heating Control	Energy regulator
Dimensions	495 x 246 x 200 mm
Permissible Ambient temperature	5 - 40°C
Weight	10.2 Kg
Permissible relative humidity	80%
Voltage	230 V
Frequency	50 Hz
DIN EN 60529	IP 10

Single Soxhlet Extraction Unit

Extraction unit metal stand with heating mantle

Item Code	Cap. (ml)	Watts	No. of Position	Price /Piece
1101.DNEU.01	100	200	1/1	On Request
1101.DNEU.02	250	200	1/1	On Request
1101.DNEU.03	500	250	1/1	On Request

Included Accessories

Item Code	Accessories
2000.200.01	Vertical Rod stainless steel length 542mm, Ø 9.8mm for 6 Position)
2000.200.02	Horizontal Rod stainless steel length 972mm, Ø 9.8mm for 6 Position)
2000.200.03	8 bosshead for 6 position/5 bosshead for 3 position for 3 Position)
2000.200.04	6 clamp for 6 position/3 clamp for 3 position

ANALOGUE HEATING MANTLE COMBINED UNIT WITH STIRRER



* 2300.DNEU



HEAT
660-810W



STIR
800 RPM



Chemical
Resistant



HEAT/STIR
Selection



Ambient to
400°C



Mild Steel
Body



Capacity
upto 500ml



IP
CLASS
IP 10

Item Code (230V/50Hz)	Cap. (ml)	Watts	No. of Position	Price /Piece
2300.DNEU.01	100	660	3/3	47500
2300.DNEU.02	250	660	3/3	48500
2300.DNEU.03	500	810	3/3	51300



Enquire Now

Specification

Heating Mantle Body	Mild Steel
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	500 ml
Valuable Stirring speed	800 RPM
Temperature Range	Approx. 400°C
Heating Control	Electronic power regulator
Stir Control	Electric regulator
Dimension	495 x 246 x 200 mm
Permissible Ambient Temperature	5 - 40°C
Weight	7.3 Kg
Permissible relative humidity	80%
DIN EN 60529	IP 10

Included Accessories

Item Code	Accessories	Price /Piece
2000.200.01	Horizontal & Vertical Rod stainless steel length 542mm, Ø 9.8mm 3 Rods	3150
2000.200.03	5 Boss Head	950
2000.200.04	3 clamp	975
1500.150.01	Magnetic Bar (20mm, Ø 8mm)	550

Single Soxhlet Extraction With Stirrer

Extraction unit metal stand with heating mantle Stirrer

Item Code	Cap. (ml)	Watts	Volt	Hz	No. of Position	Price /Piece
1601.DNEU.01	100	220	230/115	50/60	1/1	On Request
1601.DNEU.02	250	220	230/115	50/60	1/1	On Request
1601.DNEU.03	500	270	230/115	50/60	1/1	On Request

OVERHEAD STIRRER WITH LCD DISPLAY



*** 6050B.DNEU**



**SS & ABS
Body Material**



**Brushless
BLDC Motor**



**STIR
3000 RPM**



**Stir Cap.
Upto 60 Ltr.**



**LCD
Display**



**Alarm
for Error**



**IP
CLASS
IP 54**

Item Code	Volts	Hz	Price /Piece
6050B.DNEU.01	100-240	50/60	On Request
6100B.DNEU.01	100-240	50/60	On Request



Enquire Now

Specification

	6050B.DNEU	6100B.DNEU
Model No.	6050B.DNEU	6100B.DNEU
Speed Range	50 - 1500 RPM	50 - 3000 RPM
Max. Torque	80 Ncm	65 Ncm
Max. Viscosity	10000 mPas	6000 mPas
Max. Stirring	60 Ltr	40 Ltr
Timing Range	1 - 99:59 min	1 - 99:59 min
T-On Time	5 - 999 Sec	5 - 999 Sec
T-Off Time	0, 5 - 999 Sec	0, 5 - 999 Sec
Stirring Shaft Extension	Yes	Yes
Stirring Modes	Yes	Yes
Motor Type	BLDC	BLDC
Operating Voltage	24 VDC	24 VDC
Supply Voltage	100-240 V	100-240 V
	50/60 Hz	50/60 Hz
Power	130 W	130 W
Dimension	90 x 240 x 220 mm	90 x 240 x 220 mm
Weight	11.4kg	11.4kg
DIN EN 60529	IP 54	IP 54

*Included



DNOHS-1*



DNOHS-2



DNOHS-3



DNOHS-4

*Impellers, stands and boss head clamps,
Rod to be ordered separately



**DNOH-J
SS Stands Rod**



**DNOH-I
Boss Head
& Clamps**



DNOH-A



DNOH-B



DNOH-C



DNOH-D



DNOH-E



DNOH-F



DNOH-G



DNOH-H

DIGITAL OVERHEAD STIRRER PRO

Wifi & Temperature Display



* 6050P.DNEU



**SS & ABS
Body Material**



**Brushless
DC Motor**



**STIR
1500 RPM**



**Stir Cap.
Upto 60 Ltr.**



**LCD
Display**



**Alarm
for Error**



**Timer
00:01-99:59**



**IP
CLASS
IP 54**

Item Code	Volts	Hz	Price /Piece
6050P.DNEU.01	100-240	50/60	On Request
6100P.DNEU.01	100-240	50/60	On Request



Enquire Now

Specification

Model No.	6050P.DNEU	6100P.DNEU
Speed Range	50 - 1500 RPM	50 - 3000 RPM
Max. Torque	80 Ncm	65 Ncm
Max. Viscosity	10000 mPas	6000 mPas
Max. Stirring	60 Ltr	40 Ltr
Timing Range	1 - 99:59 min	1 - 99:59 min
T-On Time	5 - 999 Sec	5 - 999 Sec
T-Off Time	0, 5 - 999 Sec	0, 5 - 999 Sec
Stirring Shaft Extension	Yes	Yes
Stirring Modes	Yes	Yes
Motor Type	BLDC	BLDC
Operating Voltage	24 VDC	24 VDC
Supply Voltage	100-240 V	100-240 V
	50/60 Hz	50/60 Hz
Power	130 W	130 W
Dimension	90 x 240 x 220 mm	90 x 240 x 220 mm
Weight	11.4kg	11.4kg
DIN EN 60529	IP 54	IP 54
Wifi Control	Yes	Yes
Temperature Measurement	Yes	Yes

*Included



DNOHS-1*



DNOHS-2



DNOHS-3

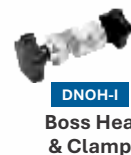


DNOHS-4

*Impellers, stands and boss head clamps,
Rod to be ordered separately



**DNOH-J
SS Stand Rod**



**DNOH-I
Boss Head
& Clamps**



DNOH-A



DNOH-B



DNOH-C



DNOH-D



DNOH-E



DNOH-F



DNOH-G



DNOH-H

DAN
LOGITECH

DIGITAL OVERHEAD STIRRER

Wifi & Temperature Display



* 6050T.DNEU



SS & ABS
Body Material



Brushless
DC Motor



STIR
1500 RPM



Stir Cap.
Upto 60 Ltr.



3 LED
Display



Alarm
for Error



Timer
00:01-99:59



IP CLASS
IP 54

Item Code	Volts	Hz	Price /Piece
6025.DNEU.01	100-240	50/60	On Request
6050T.DNEU.01	100-240	50/60	On Request
6100T.DNEU.01	100-240	50/60	On Request



Enquire Now

Specification

	6025.DNEU	6050T.DNEU	6100T.DNEU
Model No.	6025.DNEU	6050T.DNEU	6100T.DNEU
Speed Range	0-3000RPM	50-1500RPM	50-3000RPM
Max. Torque	65N.cm	80N.cm	65N.cm
Max. Viscosity	6000 mPass	10000 mPass	6000 mPass
Max. Stirring	40L	60L	40L
Timing Range	-	1min - 99:59min	1min - 99:59min
T-On Time	-	5 - 999 Sec	5 - 999 Sec
T-Off Time	-	0, 5 - 999 Sec	0, 5 - 999 Sec
Wifi Control	-	Yes	Yes
Temperature Measurement	-	Yes	Yes
Stirring Shaft Extension Feature	Yes	Yes	Yes
Stirring Modes	-	Yes	Yes
Motor Type	BLDC	BLDC	BLDC
Operating Voltage	24VDC	24VDC	24VDC
Supply Voltage	100 - 240Vac, 50/60Hz	100 - 240Vac, 50/60Hz	100 - 240Vac, 50/60Hz
Power	130	130	130
Dimension	90x240x220mm	90x240x220mm	90x240x220mm
Net Weight	11.2kg	11.4kg	11.4kg
IP Class	54	54	54

*Included



DNOHS-1*



DNOHS-2



DNOHS-3



DNOHS-4

*Impellers, stands and boss head clamps,
Rod to be ordered separately



DNOH-J
SS Stands Rod



DNOH-I
Boss Head
& Clamps



DNOH-A



DNOH-B



DNOH-C



DNOH-D



DNOH-E



DNOH-F



DNOH-G



DNOH-H

ORBITAL
 SHAKER



3500.DNEU

- Brushless
BC Motor
- STIR
300 RPM
- 2 LED
Display
- Timer
00:01-99:59
- IP
CLASS
IP 20

Item Code	Volts	Hz	Price /Piece
3500.DNEU.01	230	50	On Request



Specification

Shaker Body Material	Plastic
Speed Range	50 - 300 RPM
Orbit	20 mm
Dimensions of Body	284 x 264 x 108 mm
Load capacity	2.0 kg
Permissible ambient Temp.	5 - 45°C
Weight	7.24 kg
Voltage	230 V
Frequency	50 Hz
Timing Range	1 min - 99 Hrs 59 Min
DIN EN 60529	IP 20

Optional Accessories

Item Code	Accessories	Price /Piece
3500.303.01*	Platform, Flat, Non-Slip Mat	8750
3500.303.02	Platform, Double	19500
3500.303.03	Platform, Universal, with 3 secured bars	32500
3500.303.04	Platform with clamps, 6 Places (250ml)	30600
3500.303.05	Platform with clamps, 12 Places (100ml)	30600
3500.303.06	Platform universal for tubes	32500

*Included

INCUBATOR SHAKER WITH COOLING

WITH HEATING  60°C + COOLING  4°C



***3900.DNEU**



HEAT
800W



Brushless
BLDC Motor



STIR
300 RPM



3 LED
Display



Timer
00:01-99:59



Ambient to
4°C-60°C



Celsius/
Fahrenheit

6
MODE

Choices



IP
CLASS
IP 30

Item Code	Volts	Hz	Price /Piece
3900.DNWEU.01	230	50	219500
3900.DNEU.01	230	50	215000



Enquire Now



Enquire Now

Specification	3900.DNWEU	3900.DNEU
Shaker body material	Mild steel	Mild steel
Speed range	50 - 300 RPM	50 - 300 RPM
Fan speed	2000 - 3200 RPM	2000 - 3200 RPM
Orbit (horizontal)	20 mm	20 mm
Dimensions	609 x 770 x 515 mm	609 x 770 x 515 mm
Platform size	480 x 315 x 80 mm	480 x 315 x 80 mm
Permissible ambient temp.	20 - 30°C (Approx.)	20 - 30°C (Approx.)
Temp. control range	4 - 60°C	4 - 60°C
Power	800 W	800 W
Timer	1 min - 99 Hrs 59 Min	1 min - 99 Hrs 59 Min
Temp. Control accuracy	0 ± 0.3°C	0 ± 0.3°C
Max. load capacity	20 kg	20 kg
Ambient	<26°C	<26°C
DIN EN 60529	IP 30	IP 30
Wifi based	Yes	No

Optional Accessories

Item Code	Accessories	Price /Piece
3900.00.01	Flat Platform	7101
3900.00.02	Flasks Adapters 50ml	983
3900.00.03	Flasks Adapters 100ml	1026
3900.00.04	Flasks Adapters 250ml	1944
3900.00.05	Flasks Adapters 500ml	2862
3900.00.06	Flasks Adapters 1000ml	3904
3900.00.07	Flasks Adapters 2000ml	6129

DIGITAL MINI ORBITAL SHAKER PRO/VORTEXER



3800.DNEU



3mm Shaker
Orbit



STIR
3000 RPM



Timer
00:01-99:59



Orbital
Movement



One Plate
Microtiter



Multiple
Adapters



2 LED
Display



IP
CLASS
IP 21

Item Code	Volts	Hz	Price /Piece
3800.DNEU.01	100-240	50/60	28150



Enquire Now

Specification

Orbit/Shaking stroke	3 mm
Permissible orbit weight (incl. attachment)	0.5 kg
Permissible on time	100%
Speed min (adjustable)	200 RPM
Speed range	200 - 3000 RPM
Speed display	LED
Speed deviation	1%
Timer	yes
Timer display	LED
Time setting min.	1 s
Time setting max.	100 Hrs
Operating mode	Timer and Continuous Operation
shot/press function	yes
Working with microwell plates	yes
Number of microwell plates	1
Dimensions	150 x 207 x 111 mm
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	100-240 V
Frequency	50/60 Hz
Power input	10 W
Operating Voltage	24 V
Weight	3.8 Kg
DIN EN 60529	IP 21

*Two operating modes:

The maximum speed of 3,000 rpm is for the standard attachment in touch mode.

When using other attachments the speed should be limited to 1,300 rpm.

*Attachment, Accessories to be ordered separately

Optional Foam Adapters



Optional Accessories



VORTEX ORBITAL SHAKER HD



3760.DNEU



Steel Alloy
Body Material



STIR
2500 RPM



Continuous
Operation



Orbital
Movement



1 LED
Display



Multiple
Adapters



IP
CLASS
IP 21

Item Code	Volts	Hz	Price /Piece
3750.DNEU.01	230	50	20875
3760.DNEU.01	230	50	20875



Enquire Now

Specification

	3750.DNEU	3760.DNEU
Model	3750.DNEU	3760.DNEU
Shaking stroke/Orbit	-	LED
Display	4 mm	4 mm
Permissible weight(incl. attachment)	0.4 kg	0.4 kg
Motor rating input	58 W	58 W
Motor rating output	10 W	10 W
Permissible on time	100%	100%
Speed min (adjustable)	400 RPM	400 RPM
Speed range	0 - 2500 RPM	0 - 2500 RPM
Speed display	none	none
Operating mode	continuous operation	continuous operation
Touch function	yes	yes
Working with microwell plates	yes	yes
Number of microwell plates	1	1
Dimensions	146 x 144 x 157 mm	146 x 144 x 157 mm
Weight	4 kg Approx	4 kg Approx
Permissible ambient temperature	5 - 40°C	5 - 40°C
Permissible relative humidity	80%	80%
Power input	60 W	60 W
DIN EN 60529	IP 21	IP 21

Optional Accessories/Foam Adapters



3750.00.01

3750.00.02

3750.00.03

3750.00.04

3750.00.05

3750.00.06

3750.00.07

3750.00.08

3750.00.09

3750.00.10

MINI
VORTEXER



3700.DNEU


POWER
12 W


STIR
4000 RPM


Capacity
50 ml Tube


Orbital
Movement


Space
Saving


CLASS
IP 62

Item Code	Volts	Hz	Price /Piece
3700.DNEU.01	100-240	50/60	11232



Enquire Now

Specification

Material	Body : ABS, Caps : Silicone Rubber, Base : Steel Alloy
Speed Range	0 - 4000 RPM (Variable)
Max. Capacity	50 ml tube (Ø30 mm)
Dimension (WxDxH)	114 x 114 x 93 mm
Shaking Orbit	4.5 mm
Operating Voltage	DC 12 V 1A
Power	12 W
Weight	900 gm
DIN EN 60529	IP 62

MINI CENTRIFUGE



5000.DNEU



Dynamic
Brake System



STIR
4000-7200 RPM



Chemical
Resistant



Capacity
2ml x 8 Tube



Orbital
Movement



Speed
90% in 5 sec



ShockFree
Body Design



Space
Saving



IP CLASS
IP 54

Item Code	Volts	Hz	Price /Piece
5000.DNEU.01	230	50	18360



Enquire Now

Specification

Material	Body & Rotor: ABS, Cover : PC, Adapter : PP, Absorber : NBR
Speed range	4000 & 7200 RPM ($\pm 20\%$)
RCF	810~3260xg
Rotor types	Rotor, 2 ml x 8 and 0.2 ml x 8, 0.2 ml x 8 tubes strip x 2 rows
Max. load capacity	2 ml x 8
Dimension	174 x 157 x 130 mm
Speed control type	Constant speed
Driving speed	Direct drive
Brake system	Dynamic
Acceleration Ttime	6 sec
Deceleration time	15 sec
IP Class	IP 54

Included Accessories

Item Code	Rotor Selection	Price /Piece
5000.303.01	2ml x 8, 0.5ml, 0.2ml adapter each 8 pcs	On Request
5000.303.02	2ml x 8, 8 x 0.2ml tubes strip x 2 rows	On Request

ROLLER
MIXER



4000.DNEU


POWER
20 W


STIR
10-80 RPM


2 LED
Display


Timer
00:01-99:59


Load Capacity
4.0 Kg

Item Code	Volts	Hz	Price /Piece
4000.DNEU.01	230	50	36500



Enquire Now

Specification

Mixer body material	Plastic
Operation mode	Rolling & Swinging
Amplitude	24 mm
Roller quantity	7
Speed range	10-80 RPM
Speed unit	1 RPM
Roller length	280 mm
Motor	BLDC
Dimensions	500 x 280 x 120 mm
Max. load capacity	4 kg
Weight	3.1 kg
Voltage	230 V
Frequency	50 Hz
Power	20 W

DIGITAL FAT DETERMINATION APPARATUS

Soxhlet/Twisselman
Apparatus



1950.DNEU



SS
Body Material



POWER
1500 W



Load Capacity
15 Kg



Digital
Display



Capacity
upto 250ml



IP
CLASS
IP 20

Item Code	Volts	Hz	Price /Piece
1900.DNEU.01	230	50	137500
1950.DNEU.01	230	50	125000



Enquire Now



Enquire Now

Specification

	1900.DNEU	1950.DNEU
Model	1900.DNEU	1950.DNEU
Display	-	LED
Voltage	230 V	230 V
Frequency	50 Hz	50 Hz
Power consumption	~1500 W	~1500 W
Weight	approx. 15 kg	approx. 15 kg
Position	4	4
MOC Adapters	Aluminum alloy	Aluminum Alloy
Flask Capacity	250 ml	250 ml
Extraction Capacity	500 ml	500 ml
Condenser	100 ml	100 ml
Plate/Adaptor Temp.	upto 400°C	upto 400°C
Dimensions in mm (W x D x H) (without glass)	504 x 274 x 765 mm	504 x 274 x 765 mm
IP Class	20	20

*For Glass accessories has to be order separately

THERMOSTATIC
WATER BATH

6 & 12 Position



1800.DNEU.01


POWER
1500 & 3000W


Digital
Display


Capacity
upto 12 Ltr


CLASS
IP 34

Item Code	Volts	Hz	Position	Price /Piece
1800.DNEU.01	230	50	6	On Request
1800.DNEU.02	230	50	12	On Request



Enquire Now

Specification

Power	1500 W	3000W
No. of Opening	6	12
Volume Capacity	12 Ltrs	24 Ltrs
Temperature-control range	RT-99.9°C	RT-99.9°C
Temperature-fluctuation	±0.5°C	±2°C
Dimension	120 (D) x 110 (H)	120 (D) x 90 (H)
Working Room (cm)	47x30.5x14	92x32x12
Weight	8.9 Kgs	21 Kgs
IP Class	34	34

THERMOSTATIC
OIL BATH



1850.DNEU.01



Mild Steel
Body Meterial



POWER
1000 W



Digital
Display



CLASS
IP 34

Item Code	Volts	Hz	Price /Piece
1850.DNEU.01	230	50	On Request



Enquire Now

Specification

Heating Power	1000W
Temperature control range	RT~300°C
Volume Capacity	7 Ltrs
Temperature fluctuation	± 0.5 Celsius
Working size(mm ³)	Ø26× 16
Display	Digital
Weight	7.4 Kgs
IP Class	34

ULTRASONIC CLEANER PRO SERIES



1850.DNEU.01



SS 304
Body Material



POWER
500 W



Digital
Display



Timer
00:01-99:59

Item Code	Volts	Hz	Price /Piece
1850.DNEU.01	230	50	On Request

Specification

MODEL	DN 140UC	DN 200UC (L)	DN 250UC	DN 300UC	DN 500UC
Tank Size (Inches) (L*W*H)	21 x 7 x 6	24 x 9 x 6	16 x 16 x 6	15 x 15 x 8	22 x 14 x 10
Outer Size (Inches) (L*W*H)	23 x 10 x 15.4	26 x 12 x 15.4	18 x 19 x 15.8	19.2x19.8 x19	28 x 17.5 x 19
Tank	SS 304	SS 304	SS 304	SS 304	SS 304
Enclosure	SS 304	SS 304	SS 304	SS 304	SS 304
Tank Capacity	14 Ltr	20 Ltr	25 Ltr	30 Ltr	50 Ltr
Ultrasonic Power	300 Watts.	400 Watts.	450 Watts.	500 Watts.	750 Watts.
Heater Power	500 Watts.	500 Watts.	500 Watts.	500 Watts.	500 Watts.
PSP	Yes	Yes	Yes	Yes	Yes
Ultrasonic Freq. Khz.	25/33/40±3	25/33/40±3	25/33/40±3	25/33/40±3	25/33/40±3
Timer Digital	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.
Power Input	230 VAC.	230 VAC.	230 VAC.	230 VAC.	230 VAC.
Degas Mode	On / Off	On / Off	On / Off	On / Off	On / Off
Temperature	Amb. - 60°C	Amb. - 60°C	Amb. - 60°C	Amb. - 60°C	Amb. - 60°C
Transducer	Imported make PZT type bonded at the bottom of the tank with weld bond technique.				
Ultrasonic Gen.	Advance latest MOSFET / IGBT based smps.				
Accessories	Lid, Basket, Drain Valve, Powercord, User Friendly Operation Manual.				



Enquire Now

HOT AIR OVEN



3900.DNEU.03



Digital Display



Ambient to 250°C



Load Capacity 95 Ltr.

Item Code	Volts	Hz	Price /Piece
4100.DNEU.02	230	50	On Request



Enquire Now

Specification

No of Shelves	2
Volume Capacity	95 lit
Dimension	18 x 18 x 18 inch
Temperature Range	50°C to 250°C
MOC (Outer)	Powder Coated Electro Galvanized Steel Sheet
MOC (Inner)	Galvanized Steel Sheet OR Stainless Steel Sheet (Option)
Temp. controller	Hydraulic type capillary thermostat
Temp. Accuracy	±1°C
Temp. Display	Thru prismatic thermometer
Power Supply	220/230V AC, 50/60Hz

BOD INCUBATOR



4200.DNEU.04



Digital Display



Ambient to 5°C-60°C



Load Capacity 260 Ltr.

Item Code	Volts	Hz	Price /Piece
4200.DNEU.04	230	50	On Request



Enquire Now

Specification

Temperature Range	5°C to 60°C
Temperature Accuracy	± 0.5°C
Dimensions	600x600x600 mm
volume	260 ltr.
No. of tray	2
Power supply	220 Volts 50 Hz

*Other sizes available on request

INTEGRATED WORK STATION FOR NITROGEN ESTIMATION



DAN.NACOM.01



Touch
Display



60 Programme
Customizable



WiFi
Enabled



POWER
2000 W



6x300 ml
Tubes



Ambient to
450°C

A compact 3-in-1 nitrogen analysis platform integrating Digestion, Distillation, and Auto Titration for Kjeldahl protein determination, Non-Protein Nitrogen (NPN), volatile compounds, and related analysis.

Item Code	Power	Price /Piece
DAN.NACOM.01	220-240 V AC, 50/60 Hz, 20A	On Request

Enquire Now

Specification

Analysis time	4 Min. and Above (titration included)
Measuring range	0.04 - 220 mg N
Reproducibility (RSD)	≤1%
Recovery	≥99.5 %
Sodium hydroxide addition	Automatic
Water addition	Automatic
Boric acid addition	Automatic
Distillation residues removal	Automatic
Titration residues removal	Automatic
Titration vessel cleaning	Automatic
Selectable distillation time	Not necessary
Steam flow regulation	10 - 100 %
Water consumption	0.5 L/min at 15°C; 1 L/min at 30°C
Distillation in series	Yes
User management	Yes
Programs	60 Customizable
21 CFR PART 11 Compliance	Yes, (Optional)
Connectivity	USB/Wifi (Labs-Connect™)
Power input	4.0 kW

Specification

Dimensions (WxHxD)	785x 910 x 490 mm
Weight	91 Kg for IWS Model
Capacity	6 x 300 ml, 42 mm OD Kjeldahl tubes
Temperature Range	Ambient to 450 °C
Temperature Accuracy	±1 °C
Temperature Control	PID-based point and curve control
Auto Scrubber	Automatic drain and refill after each digestion cycle
Analysis Scope	0.1 – 240 mg N
Precision (RSD)	≤0.5%
Recovery	99 %
Cooling System	High-efficiency coil condenser
Cooling Water Consumption	1.2 – 3.0 L/min
Safety Features	Over-temperature and dry-run protection
Accuracy	±0.1%
Endpoint Detection	Colorimetric
Dispensing Mechanism	High-precision piston-based titrant delivery system
Dispense Resolution	0.01 ml

NITROGEN ESTIMATION WITH TITRATION



DAN.NACOM.03

NITROGEN ESTIMATION



DAN.NACOM.02

DIGESTION



DAN.NACOM.04



Touch
Display



60 Programme
Customizable



WiFi
Enabled



POWER
2000 W



8 / 12
Tubes



Ambient to
450°C

Item Code	Price /Piece
DAN.NACOM.03	On Request

Specification

Distillation & Titration

Analysis Scope	0.1 – 240 mg N
Precision (RSD)	≤ 0.5%
Recovery	99%
Steam Generator	High-efficiency design with automatic water refill
Cooling System	High-efficiency condenser
Water Consumption	1.2 – 3.0 L/min
Safety Features	Over-temperature and dry-run protection Reagent System
Separate containers	Alkali, Diluent, Boric Acid, Titrant, Indicator Semi-automatic reagent suction & feed Chemical-resistant tubing
Type	Automatic acid–base titration
Accuracy	±0.1%
Endpoint Detection	Colorimetric
Dispensing Mechanism	High-precision piston-based titrant delivery system
Dispense Resolution	0.01 mL
Repeatability	High stability due to closed piston chamber and micro step motor control
Power	220–240 V AC, 50/60 Hz, 2.5 kW

Item Code	Price /Piece
DAN.NACOM.02	On Request

Specification

Distillation

Analysis Scope	0.1 – 240 mg N
Precision (RSD)	≤ 0.5%
Recovery	99 %
Steam Generator	High-efficiency design with automatic water refill
Cooling System	High-efficiency condenser
Water Consumption	1.2 – 3.0 L/min
Safety Features	Over-temperature and dry-run protection
Power	220–240 V AC, 50/60 Hz, 2.0 kW

Item Code	Capacity	Price /Piece
DAN.NACOM.04	8 Tubes	On Request
DAN.NACOM.05	12 Tubes	On Request

Specification

Digestion (Built in Scrubber)

Capacity	8 /12 tubes
Compatible Tube Sizes	42 mm OD, 300 mL Kjeldahl tubes
Temperature Range	Ambient to 450 °C
Temperature Accuracy	±1 °C
Heating Module Material	Aluminum alloy high-temperature digestion block with resistant chemical-pathways
Temperature Control	PID-based point and curve control
Construction	High-temperature digestion block with resistant chemical-pathways
Auto Scrubber	Automatic drain and refill after each digestion cycle
Power Supply	
8 Tubes	220–240 V AC, 50/60 Hz, 2.0kW
12 Tubes	220–240 V AC, 50/60 Hz, 3.0kW

AUTOMATIC SOLVENT
EXTRACTION SYSTEM



DAN.FAS.01



Touch
Display



WiFi
Enabled



POWER
2200 W



Ambient to
35°C to 250°C

Item Code	Voltage	Price /Piece
DAN.FAS.01	240V/50Hz	On Request



Enquire Now

- Independent Sample Loading with mechanical controls; capable of running six samples simultaneously.
- 7-inch Full-HD Capacitive Touch Display with advanced GUI for easy control, parameter settings, and real-time monitoring.
- Cold Water Condensation Line with high-quality silicon hose connections for efficient and stable solvent condensation.
- Chemical-Resistant Tubing & Components designed for durability in harsh laboratory environments.
- Low-Maintenance Design with easy service access and tool-less removal for cleaning and tubing replacement.
- Smart Error Detection with alarms for low water flow, low reagent levels, temperature faults, and system abnormalities.
- Remote Monitoring & Control via optional Labs Connect module for secure internet-based operation and status monitoring.
- Advanced Safety System with over-voltage, over-temperature, and dry run protection.
- Program & PC Connectivity allowing multiple program storage with USB export/import for quick setup, sharing, or backup.

Specification

Sample Size	0.1 To 8g (depending on Sample Type)
Energy Mode	PID With Auto Tuning Facility
Heat Temp. Control	35°C(Ambient) To 250°C
Power Consumption	2200W
Dimensions	875 x 420 x 680 mm

AUTOMATIC FIBRE EXTRACTION SYSTEM



DAN.CFES.01



Touch
Display



WiFi
Enabled



POWER
2800 W



Ambient to
450°C

Item Code	Voltage	Price /Piece
DAN.CFES.01	240V/50Hz	On Request



Enquire Now

- 6-Position Independent Sample Loading with individual mechanical controls for flexible and efficient operation.
- 7-inch Capacitive Full-HD Touch Display with an advanced GUI for easy control, parameter setup, and real-time monitoring.
- Inbuilt Scrubber removes fumes and vapors during fiber extraction for safe operation.
- Chemical-Resistant Tubing & Components designed for durability in harsh laboratory environments.
- Remote Monitoring & Control via optional Labs Connect module for internet based operation and system status monitoring.
- Integrated Safety System with auto error alerts, over-temperature protection, and sensor-break detection.
- Cold Water Condensation Line with high-quality silicon hose connections for efficient condensation.
- Smart Error Detection with alarms for low water, low reagents, temperature faults, and system abnormalities.
- Comprehensive Protection System including over-voltage, over temperature, and dry-run protection.
- Program Management allows saving multiple programs with USB export and import for quick setup or backup.

Specification

Sample Size	0.1 to 4g (depending on sample type)
Temp. Range Control	RT to 450°C
Temperature Accuracy	±0.5°C
Measuring Range	0.1 % - 100 %
Heat Source	Ceramic Infrared Heater
Crucibles	Sintered silica glass crucibles with P1 porosity disc (6Nos.)
Extractor	Marked borosilicate extraction vessel
Temperature Control	PID with auto-tuning facility
Power Consumption	2800W
Dimensions	710 x 515 x 680 mm

PHYSICAL PROPERTIES

Resin	Max use Temp °C	Bittleness Temp °C	Transparency	Sterilization						Flexi-bility	Water Absorption %
				Auto-claving	Gas	Dry Heat	Radi-ation	Disin-fection	Specific Gravity		
HDPE	120	-100	Translucent	No	Yes	No	Yes	Yes	0.95	Rigid	20.01
LDPE	80	-100	Translucent	No	Yes	No	Yes	Yes	0.92	Excel	<0.01
PC	135	-135	Clear	Yes+	Yes	No	No	Yes	1.20	Rigid	0.35
PP	135	0	Translucent	Yes	Yes	No	No	Yes	0.90	Rigid	<0.02
PS	90	20	Clear	No	Yes	No	Yes	Some	1.05	Rigid	0.05

Sterilization

- Autoclaving (121°C, 15 psig for 20 minutes) Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.
- ALWAYS COMPLETELY DISENGAGE THREADS BEFORE AUTOCLAVING.
- Gas - Ethylene oxide formaldehyde.
- Dry heat - 160°C for 120 minutes.
- Disinfectant - Benzalkonium chloride, formalin, ethanol etc.
- Radiation - gamma irradiated at 2.5 Mard with unstabilized plastic. Sterilizing reduces mechanical strength. Do not use PC vessels for vacuum application if they have been Autoclaved.

CHEMICAL RESISTANCE

CLASSES OF SUBSTANCES AT ROOM TEMPERATURE	HDPE	LDPE	PC	PP	PS
ACIDS, DILUTE OR WEAK	●	●	●	●	●
ACIDS, STRONG AND CONCENTRATED	●	●	●	●	●
ALCOHOLS, ALIPHATIC	●	●	●	●	●
ALDEHYDES	●	●	●	●	●
BASES	●	●	●	●	●
ESTERS	●	●	●	●	●
HYDROCARBONS, ALIPHATIC	●	●	●	●	●
HYDROCARBONS, AROMATIC	●	●	●	●	●
HYDROCARBONS, HALOGENATED	●	●	●	●	●
KETONES	●	●	●	●	●
OXIDIZING AGENTS, STRONG	●	●	●	●	●

- 30 days of constant exposure cause no damage. Plastic may even tolerate for years.
- Little or no damage after 30 days of constant exposure to the reagents.
- Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loses of strength or discolouration.
- Not recommended for continuous use. Immediate damage may occur.

ABBREVIATIONS

PP	Polypropylene
PC	Polycarbonate
HDPE	High Density Polyethylene
LDPE	Low Density Polyethylene

PS	Polystyrene
ABS	Acrylo Nitrile Butadiene Styrene
PTFE	Poly Tetra Flouro Ethylene
PMMA	Poly Methyl Methacrylate
TPX	Poly Methyl Pentene

MILD STEEL

Each of these standard samples has been analyzed by Chemists in United Kingdom and other countries representing the following interests associated with the Iron and Steel Industries.

The standards have been prepared under rigorous laboratory conditions, and are issued by the organizers under the auspices of the above body of co-workers.

Description	Special Features	ANALYSIS										
		Combined C	Silicon	Sulphur	Phosphorus	Manganese	Arsenic	Nickel	Chromium	Copper	Oxygen	Iron
Ordinary Carbon Steels*	Complete Analysis and pure iron std.	%	%	%	%	%	%	%	%	%	%	%
"A"	for $K_2Cr_2O_7$ v.s. ...	0.037	0.034	0.020	0.008	0.043	0.031	0.059	0.013	0.067	0.04	99.64
"C"	C Standard only	0.091	-----	0.02a	0.02a	0.50a	-----	-----	-----	-----	-----	-----
"E"	C and Mn Standard	0.114	-----	0.02a	0.02a	0.492	-----	-----	-----	-----	-----	-----
"N"	Complete Analysis ...	0.153	0.176	0.050	0.036	0.527	0.03	0.26	-----	0.04	-----	-----
"P"	High S and P Standard	0.205	0.06a	0.073	0.105	0.706	0.03a	-----	-----	-----	-----	-----
"M"	C and Si standard ...	0.228	0.057	0.05a	0.03a	0.6a	0.03a	-----	-----	-----	-----	-----
"O"	Complete Analysis ...	0.333	0.162	0.032	0.031	0.617	0.024	0.162	0.017a	0.037a	-----	-----
"H"	C, S and P Standard	0.428	0.15a	0.047	0.035	0.76a	-----	-----	-----	-----	-----	-----
"I"	C and Mn Standard	0.521	0.15a	0.04a	0.02a	0.726	-----	-----	-----	-----	-----	-----
"R"	C, S and Mn Standard	0.786	0.22a	0.053	0.06a	0.914	0.03a	-----	-----	0.02a	-----	-----
"S"	C and P Standard	0.921	0.07a	0.04a	0.051	0.6a	-----	-----	-----	-----	-----	-----
"U"	C, Mn and Ni Standard	1.203	0.17a	0.04a	0.05a	0.472	-----	0.608	trace	0.05a	-----	-----
Nickel Steels												
"T"	Ni Standard only ...	0.3a	-----	-----	-----	-----	-----	3.367	-----	-----	-----	-----
"O"	Ni, C and Mn Standard	0.325	-----	-----	-----	0.590	-----	3.985	-----	-----	-----	-----
Alloy Steels												
"V"	Cr-V Steel, Complete Analysis ...	0.548	0.161	0.063	0.024	0.542	0.016a	-----	0.861	0.273	-----	-----
"W"	Cr-V-W-Co Steel, Complete Analysis	0.695	0.187	0.075	0.028	0.101	-----	0.44	3.01	0.791	4.67	16.21
Cast Iron												
Hematite "A"	Complete Analysis	0.734	1.989	0.047	0.049	0.688	0.042	-----	0.052	3.121	2.387	-----
Hematite "B"	Low Phosphorus - Titaniferous ...	0.039	2.2a	0.031	0.026	0.6a	0.031	-----	0.108	3.06b	2.67b	-----
Basic "D"	P Standard only ...	3.0a	-----	-----	1.19	0.8a	-----	-----	-----	3.0a	-----	-----
Slag					P_2O_5	SiO_2	CaO	MgO	Fe	Mn	Al_2O_3	V
Basic Slag "A" à Ore	P_2O_5 and part Complete Analysis	-----	-----	-----	12.92	16.15	44.73	6.85	8.93	2.53	3.91a	0.45a
Iron Ore "A" à Ore	Complete Analysis ...	58.20	0.056	2.05	1.22	0.33	1.83	0.116	8.13	0.063	1.56	1.41
Mang. Ore "A"	Mn, O, SiO_2 , P, Fe ...	1.3	0.222	51.3	14.3	-----	-----	-----	6.49	-----	-----	-----
Non-Ferrous												
White Met. "A"	Complete Analysis ...	82.6	12.04	4.64	0.33	0.06	0.03	0.06	0.08	-----	-----	-----

(a) Approx — not a standardized figure, (b) Standardized at Organizing Headquarters only.

* In the preparation of the ordinary carbon steels special attention has been given to making them suitable as standard for the determination of carbon by colour.

STAINLESS STEEL

Grade 316 is the standard molybdenum-bearing grade, second in importance to 304 amongst the austenitic stainless steels. The molybdenum gives 316 better overall corrosion resistant properties than Grade 304, particularly higher resistance to pitting and crevice corrosion in chloride environments. It has excellent forming and welding characteristics. It is readily brake or roll formed into a variety of parts for applications in the industrial, architectural, and transportation fields. Grade 316 also has outstanding welding characteristics. Post-weld annealing is not required when welding thin sections.

Grade 316L, the low carbon version of 316 and is immune from sensitisation (grain boundary carbide precipitation). Thus it is extensively used in heavy gauge welded components (over about 6mm). Grade 316H, with its higher carbon content has application at elevated temperatures, as does stabilised grade 316Ti.

The austenitic structure also gives these grades excellent toughness, even down to cryogenic temperatures.

Key Properties

These properties are specified for flat rolled product (plate, sheet and coil) in ASTM A240/A240M. Similar but not necessarily identical properties are specified for other products such as pipe and bar in their respective specifications.

Table 1. Composition ranges for 316 grade of stainless steels.

Grade	C	Mn	Si	P	S	Cr	Mo	Ni	N
316	Min	-	-	0	-	16.0	2.00	10.0	-
	Max	0.08	2.0	0.045	0.03	18.0	3.00	14.0	0.10
316L	Min	-	-	-	-	16.0	2.00	10.0	-
	Max	0.03	2.0	0.045	0.03	18.0	3.00	14.0	0.10
316H	Min	0.04	0.04	0	-	16.0	2.00	10.0	-
	Max	0.10	0.10	0.75	0.045	0.03	18.0	3.00	14.0

TYPICAL CHEMICAL PROPERTIES OF STAINLESS STEEL							
Chemical Composition (Max. unless otherwise noted)							
	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Chromium	Nickel
304 (Austenitic)	0.08	2.00	0.045	0.03	1.00	18.00 -20.00	8.00 -10.50

ALUMINIUM

Weight: With a density of 2.7 g/cm³, Aluminium is approximately one third as dense as steel.

Strength: Aluminium alloys commonly have tensile strengths of between 70 and 700 Mpa. The range for alloys used in extrusion is 150-300 Mpa.

Unlike most steel grades, aluminium does not become brittle at low temperatures. Instead, its strength increases. At high temperatures, aluminium's strength decreases. At temperatures continuously above 100°C, strength is affected to the extent that the weakening must be taken into account.

CAST IRON

Cast iron is made by remelting pig iron, often along with substantial quantities of scrap iron and scrap steel, and taking various steps to remove undesirable contaminants such as phosphorus and sulfur. Depending on the application, carbon and silicon content are reduced to the desired levels, which may be anywhere from 2% to 3.5% and 1% to 3% respectively. Other elements are then added to the melt before the final form is produced by casting.

Comparative qualities of cast irons

Name	Nominal composition [% by weight]	Form and condition	Yield strength [ksi (0.2% offset)]	Tensile strength [ksi]	Elongation [% (in 2 inches)]	Hardness [Brinell scale]
Cast grey iron (ASTM A48)	C 3.4, Si 1.8, Mn 0.5	Cast	-----	25	0.5	180
White	C 3.4, Si 0.7, Mn 0.6	Cast (as cast)	-----	25	0	450
Malleable iron (ASTM A47)	C 2.5, Si 1.0, Mn 0.55	Cast (annealed)	33	52	12	130
Ductile or nodular iron	C 3.4, P 0.1, Mn 0.4, Ni 1.0, Mg 0.06	Cast	53	70	18	170
Ductile or nodular iron (ASTM A339)	-----	Cast (quench tempered)	108	135	5	310
Ni-hard type 2	C 2.7, Si 0.6, Mn 0.5, Ni 4.5, Cr 2.0	Sand-cast	-----	55		550
Ni-resist type 2	C 3.0, Si 2.0, Mn 1.0, Ni 20.0, Cr 2.5	Cast	-----	27	2	140

BRASS

Brass is any alloy of copper and zinc; the proportions of zinc and copper can be varied to create a range of brasses, each of which has unique properties. In comparison bronze is principally an alloy of copper and tin. Despite this distinction, some type of brasses are called bronzes. Brass is a substitutional alloy. It is mainly used for making laboratory metalware like retort stands, retort clamps etc.

Properties: Brass has higher malleability than copper or zinc. The relatively low melting point (900-940°C depending on composition) of brass and its flow characteristics make it a relatively easy material to cast. By varying the proportions of copper and zinc, the properties of the brass can be changed, allowing hard and soft brasses.

Today almost 90% of all brass alloys are recycled. Brass scrap is collected and transported to the foundry where it is melted and recast into billets. Billets are later heated up and extruded into the right form and size.

Brass Types: Common brass, or rivet brass, is 37% zinc brass, cheap and standard for cold working.

SILICON RUBBER TUBING

Suitable for Laboratory, Pharmaceutical and Industrial use. It has specific advantages over other types such as latex, usual synthetic rubber and plastic tubing.

1. Silicon Rubber Tubing is suitable for use over a temperature range of -50°C to 250°C hence useful for transfer of hot liquids.
2. It can be sterilized by steam (autoclave) or by hot air. This finds applications for use under aseptic conditions.
3. The tubing is odourless. It does not impart any smell or taste to liquid passing through it. It is suitable for transfer of pharmaceutical liquids, beverages and other food preparations.
4. The Silicon Rubber used for making tubing is of superior grade. Tubing is not irritant to skin.
5. The tubing is highly elastic and hence suitable for use with peristaltic pump.
6. Silicon Rubber is attacked by strong acids, strong alkalies, oils, bromine, carbon tetrachloride and toluene. The tubing is not recommended for use with these materials.

Silicon Rubber tubing is Transparent to Translucent.

NATURAL RUBBER TUBING

made from Rubber Trees

Shore hardness : 45

Density : 1.13

Temperature range : -30°C to 110°C light

It is resistant to dilute acid, alkalies, ammonia etc. Rubber Tubing light, flexible. For transferring gasses.

LOW EXPANSION BOROSILICATE GLASS

Form the 16th Century to, today, chemical research teams have used glass containers for a very basic reason the glass containers is transparent, almost invisible. And so the contents and the reaction are clearly visible, But because chemists must heat, cool and mix chemical substances, ordinary glass is not always adequate for laboratory works.

Laboratory works requires apparatus made in a glass - which can readily be moulded into any desired shape or from, which offers maximum inertness when in contact with the widest range of chemical substances, which can withstand thermal shock with fracture and high temperature work without deforming, and which will be resilient enough to survive the everyday knocks to which it will be subjected in normal laboratory handling, washing and sterilizing processes.

Chemical Composition

Glassco Glassware is a low alkali borosilicate composition. Its typical chemical composition is given under. It is virtually free of magnesia-lime-Zinc group and contains only traces of heavy metals.

PERCENTAGE BY WEIGHT	
SiO ₂	81%
B ₂ O ₃	13%
Na ₂ O	4%

Thermal Properties

As the Coefficient of thermal expansion of Borosilicate glass is low, the thermal stresses under a given

temperature gradient are consequently low and the glass can withstand higher temperature gradients and also sudden temperature changes/thermal shocks. Minute scratching of glass surface can however reduce its thermal resistance.

In general the 'Strain Point' should be regarded as the maximum safe operating temperature of Glassco glassware. When heated above 500°C the glass may acquire permanent stresses on cooling. All Glassco labware is annealed in modern ovens under strictly controlled conditions to ensure minimal residual stress in the products.

Coefficient of Linear Expansion	32.5x10 ⁻⁷ °C
Strains Point	515°C
Annealing Point	565°C
Softening Point	820°C
Specific Heat	0.2
Thermal Conductivity (Cal/cm ³ /°C/Sec)	0.0027

Chemical Durability

Glassco Glassware in highly resistance to water, neutral and acid solutions, concentrated acids and their mixtures as well as to chloride, bromine, iodine, and organic matters. Even during extended period of reaction and at temperatures above 100°C, its chemical resistance exceeds that of most metals and other materials. It can withstand repeated dry and wet sterilisation without surface deterioration and subsequent contamination. Resistance to attack of various chemicals is shown under. Only hydrofluoric acid, very hot phosphoric acid and alkaline solutions increasingly attack the glass surface with rising concentration and temperature.

Fabrication with Borosilicate Glass

Due to low expansion of glass and easy workability, this glass can be shaped, formed, joined into complicated apparatus. It can be done even by an analyst in his own laboratory. He can keep on changing till he gets what he needs. In case where annealing in a controlled oven is difficult he can do so by flame annealing which is also great advantage.

Optical Properties

Laboratory glassware made from Borosilicate Glass shows no noticeable absorption in the visible region of the spectrum. It appear consequently clear and colourless.

When treated with proper care Glassco laboratory apparatus will give a long and satisfactory service. The following prepared notes are to assist users in obtaining the maximum life and performance from their apparatus. Our sales department will be happy to advise on any aspect concerning the safe use of our products.

CONTACT CHEMICAL	DURATION IN HOUR	LOSS IN WT. MG/M ²
Water distilled at 100°C	6	10
Water Vapour Steam at 121°C	1	75
Acid HCl	6	100
80% H ₂ SO ₄ at 130°C	12	140
Alkali- 1N soln. of Na ₂ CO ₃ boiling	6	4000
Infusion Fluids Isotonic		
NaCl (0.85%) 121°C	2.5	70
Glucose (5%) 121°C	2.5	50

HEATING AND COOLING

Glass may suffer damage in three ways :

- It may break under thermal stress in the steady-state when there is an established constant thermal gradient through the glass.
- It may break under the transient pressure of a 'thermal shock,' that is, sudden heating or cooling.

If heated beyond a specific temperature, it may acquire permanent stress on cooling, which could cause subsequent failure.

The following precautionary measures will assist in avoiding failures during heating and cooling procedures:

01. Never leave the vessel unattended when evaporation work is being carried out. The vessel may crack or explode if the heat source is not adjusted correctly. Lower the temperature gradually as the liquid level drops.
02. Always use caution when removing glassware from a heat source and avoid placing it on a cold or damp surface. Although the ware can withstand extreme temperatures, sudden temperature changes may cause the vessel to break.
03. Always cool vessels slowly to prevent thermal breakage.
04. Never apply heat to badly scratched or etched vessels as the thermal strength will have been significantly reduced.
05. Never apply point source heating to a vessel, as this will significantly increase the chance of breakage.
06. Always diffuse the heat source by using a metal gauze or air/water bath. Alternatively, ensure uniform heating of the vessel by slow movement of the vessel with the heat source.
07. Adjust Bunsen burner to get a sizable soft flame. It will heat slowly but also more uniformly. Uniform heat is a critical factor for some chemical reactions.
08. Ensure that the flame contacts the vessel below the liquid level. Heating above that level will invite breakage of the vessels.
09. Always use anti-bumping devices in the vessel, such as powered pumice or glass wool. Rapid heating of the vessel and contents is required.
10. Never use material with sharp edges such as broken porcelain as an anti-pumping device. This will cause internal abrasions and reduce the mechanical and thermal strength of the vessel.
11. Thick-walled glassware should not be subjected to direct flame or another localized heat source. Vessels of this type are best heated with the use of an electric immersion heater.
12. Avoid heating glassware over electric heaters with open elements. Uneven heat of this type can include localized stress and increase the chance of breakage.
13. Remember that the hot plate will retain heat long after the appliance has been switched off.
14. Always ensure that the hot plate's surface is larger in area than the vessel's base being heated. An under-sized scale of the job in hand will invite uneven heating and promote the breakage of glassware.
15. Always ensure that manufacturer's instructions are followed when electrical heat sources.

Mixing and Stirring

01. Always use a rubber policeman's or similar device on stirring rods to prevent scratching the vessel's inside.
02. Using a glass vessel with a magnetic stirrer, always use a covered follower to prevent scuffing the container's inside.
03. When using a glass or metal mechanical stirrer in a glass vessel, always predetermine the stirrer's height before use to ensure there is no contact between the stirrer blade and the vessel's bottom or sides.
04. Never mix sulphuric acid and water inside a glass measuring cylinder. The heat of the reaction can break the base of the cylinder.

Vacuum and Pressure

01. Never use glassware beyond the recommended safe limit.
02. Always use a safety screen when working with glassware subjected to the pressure of a vacuum.
03. Never subject glassware to sudden pressure changes. Always apply and release positive and negative pressures gradually.

Joining and Separating glass apparatus

01. When storing glass stopcocks and joints, insert a thin strip of paper between joint surfaces to prevent sticking.
02. Never store stopcocks for long periods with lubricant still on the ground surfaces.
03. Glass stopcocks on Burettes and Separation Funnels should be lubricated frequently to prevent sticking.
04. If a ground joint sticks, separation can generally be achieved by carefully recking the cone in the socket, or gently tapping of the socket flange on a wooden surface, or by heating the socket and not the cone in a localised flame. The use of penetrating oil will often prove useful in aiding separation.
05. In using lubricants it is advisable to apply light coat of grease completely around the upper part of the joint. Use only a small amount and avoid greasing that part of the joint which contacts the inner part of apparatus.
06. Three type of lubricants are commonly use on standard taper joints
 - (A) Hydrocarbon grease is the most widely used. It can be easily remove by most laboratory solvents, including acetone.
 - (B) Because hydrocarbon grease is so easily removable, silicon grease is often preferred for higher temperature or high vacuum applications. It can be removed readily with chloroform.
 - (C) For long term reflux or extraction reactions, a water soluble, organic and insoluble grease, such as glycerin, is suitable. Water will clean glycerin. There are other type of greases which can be used specifically when certain reagents are used in the Burettes or Separating Funnels.
07. The use of water, oil or glycerol is recommended on both tubing and rubber bung when inserting glass tubing into a bung. Always wear heavy protective gloves or similar protection when carrying out this operation.
08. Always fire polish rough ends of glass tubing before attempting to insert into flexible tubing. The lubricants recommended above may also prove useful.
09. Never attempt to pull a thermometer out of a rubber bung. Always cut the bung away.

PERSONAL SAFETY

01. Use tongs to asbestos gloves to remove all glassware from heat. Hot glass can cause severs burns.
02. Protective gloves, safety shoes, aprons, and goggles should be worn as safety chemical accidents, spilling or splattering.
03. Always flush the outside of acid bottle with water before opening. Do not put the stopper on the counter top where someone else may come in contact with acid residue.
04. Special care is needed when dealing with mercury. Even a small amount of mercury in the bottom of a drawer can poison the room atmosphere. Mercury toxicity is cumulative and the element's ability to amalgamate with a number of metals is well known. After an accident involving mercury, the area should be cleaned carefully until there are no globules remaining. All mercury containers should be kept well-stoppered.
05. Never drink from a beaker. A beaker left specifically for drinking is a menace to the laboratory. Do not taste chemicals for identification. Smell chemicals only when necessary and by waiting a small amount of vapour towards the nose.
06. Avoid pipeting by mouth, particularly when using concentrated acids, alkalis or potentially biohazardous materials. Use mechanical means such as a rubber bulb or an automatic dispenser.
07. Never fill receptacle with material other than that called for by the label. Label all containers before filling. Throw away contents of unlabelled containers.
08. To avoid breakage when clamping glassware, do not permit glass-to-metal contact and do not use excessive force to tighten the clamps.
09. Do not look down into a test tube being heated or containing chemicals and do not point its open end at another person. A reaction might cause the contents to be ejected, resulting in injury.
10. Spattering from acids, caustic materials and strong oxidizing solutions on the skin or clothing should be washed off immediately with large quantities of water.

11. When working with chlorine, hydrogen sulphide, carbon monoxide, hydrogen cyanide and other very toxic substances, always use a protective mask or perform these experiments under a fume hood on a well ventilated area.
12. In working with volatile materials, remember that heat causes expansion and confinement of expansion results in explosion. Remember also that danger exists even though external heat is not applied.
13. Perchloric acid is especially dangerous because it explodes on contact with organic materials. Do not use perchloric acid around wooden benches or tables. Keep perchloric acid, wear protective clothing.
14. When using hot plates and other electrical equipments, ensure the wire and plugs are in good condition. Never handle electrical connection with damp hand

CLEANING

Successful experimental results can only be achieved by using a clean apparatus. In all instances laboratory glassware must be physically clean, in nearly all cases it must be chemically clean and in specific cases it must be bacteriologically clean or sterile. There must be no trace of grease and the safest criteria of cleanliness is the uniform wetting of the glass surface by distilled water-this being of the utmost importance for glassware used for volumetric methods. Any prevention of uniform wetting of the surface will introduce errors such as distortion of the meniscus and accuracy of volume.



GENERAL CLEANING

01. Cleaning of glassware which has contained hazardous materials must be solely undertaken by experienced personal.
02. Most new glassware is slightly alkaline in reaction. For precision chemical tests, new glassware should be soaked several hours in acid water (1% solution hydrochloric acid or nitric acid) before washing.
03. Glassware which is contaminated with blood clots, culture media, etc. must be sterilized before cleaning.
04. If glassware become induly clouded or dirty or contains coagulated organic matter, it must be cleaned with chromic acid cleaning solution. The dichromates should be handle with extreme care because it is a powerful corrosive
05. Wash glassware as quickly as possible after use but if delays are unavoidable, the articles should be allowed to soak in water.
06. Grease is removed by weak sodium carbonate solution or acetone or fat solvents. Never use strong alkalis.
07. Hot water with recommended detergents should be used and if glass is exceptionally dirty a cleaning power with a mild abrasive action can be applied, provided the surface is not scratched.
08. During washing all parts of the article should be throughly scrubbed with a brush selected for the shape and size of the glassware. Brushes should always be in good condition to avoid any abrasion of glassware.
09. When chromic acid solution is used, the item may be rinsed with the cleaning solution or it may be filled and allowed to stand. The amount of time should depend on amount of contamination on the glassware.
10. Special type of precipitate material may required removal with nitric acid, aqua regia or fuming sulphuric acid. These are very corrosive substances and should be used only when required.

11. It is imperative that all soap detergents and other cleaning fluids be removed from glassware before use. This is especially important with the detergents, slight traces of which will interfere with serologic and culture reactions. After cleaning, thoroughly rinse with tap water ensuring that containers are partly filled with water, shaken and emptied several times. Finally rinse with deionised or distilled water.
12. Drying can be undertaken either in baskets or on pages in air or at a temperature not exceeding 120°C.
13. Always protect clean glassware from dust by use of temporary closures or by placing in a dust free cabinet. For cleaning specific type of glassware, please refer the following pages.

Cleaning Specific Types of Glassware Pipettes

Place pipettes tips down, in a cylinder or tall jar of water immediately after use. Do not drop them into the jar, since this may break or chip the tips and render the pipettes useless for accurate measurements. A pad of cotton or glass wool at the bottom of the jar will help to prevent breaking of the tips. Be certain that the water level is high enough to immerse the greater portion or all of each pipette. At a convenient time, the pipettes may then be drained and placed in a cylinder or jar of dissolved detergent or, if exceptionally dirty, in a jar of chromic acid cleaning solution. After soaking for several hours, or overnight, drain the pipettes and run tap water over and through them until all traces of dirt are removed. Soak the pipettes in distilled water for at least one hour. Remove from the distilled water, dry the outside with a cloth, shake out the water and dry.

Burettes (with glass stopcock)

01. Remove the stopcock key and wash the burette with detergent and water.
02. Rinse with tap water until all the dirt is removed. Then rinse with distilled water and dry.
03. Wash the stopcock key separately. Before the stopcock key is replaced in the burette stopcock key are not interchangeable
04. Always cover burettes when not in use.

Culture Tubes

01. Culture tubes which have been used previously must be sterilized before cleaning. The best general method for sterilising culture tubes is by autoclaving for 30 minutes at 121°C (15lb. pressure). Media which solidify on cooling should be poured out while the tubes are emptied, brush with detergent and water, rinse thoroughly with tap water, rinse with distilled water, place in a basket and dry.
02. If tubes are to be filled with a medium which is sterilized by autoclaving, do not plug until the medium is added. Both medium & tubes are thus sterilized with one autoclave.
03. If the tubes are to be filled with a sterile medium or if they are to be sterilized by the fractional method then sterilize the tubes in the autoclave or dry air sterilizer before adding the medium..

Serological Tube

01. Serological Tubes should be chemically clean but need not be sterile. However, specimens of blood which are to be kept for some time at room temperature should be collected in a sterile container. It may be expedient to sterilize all tubes as routine.
02. To clean and sterilize tubes containing blood, discard the clots in a waste container and place the tubes in a large basket. Put the basket, with others, in a large bucket or boiler. Cover with water, add a fair quantity of soap or detergent and boil for 30 minutes. Rinse the tubes and clean with brush, rinse and dry with the usual precautions.
03. It is imperative when washing serological glassware that all acid, alkali and detergent be completely removed, Both acid and alkali in small amounts destroy complement and in large amounts produce hemolysis. Detergents interfere with serologic reactions.
04. Serological tubes and glassware should be kept separate from all other glassware and used for nothing except serologic procedures.

Disposal : Never dispose of contaminated glassware, including broken tubes, flasks etc. in cardboard box, These must be discarded in sharp container. Because of their special usage, It has to be cleaned & disposed according to current regulations.

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Q122.540.03	282	QRL.130.520.05	150	QRL.130.600.04AB	151	QRL.134.536.07A	153
Q122.540.03A	282	QRL.130.520.05A	150	QRL.130.600.04B	151	QRL.134.536.08	152
Q122.540.04	282	QRL.130.520.06	150	QRL.130.600.05	151	QRL.134.536.08A	153
Q125.530.01	282	QRL.130.520.06A	150	QRL.130.600.05A	151		
Q125.530.02A	282	QRL.130.520.07	150	QRL.130.600.06	151		
Q125.530.03A	282	QRL.130.520.07A	150	QRL.130.600.06A	151		
Q125.530.04	282	QRL.130.520.08	150	QRL.130.600.07	151		
Q131.220.01	281	QRL.130.520.08A	150	QRL.130.600.07A	151		
Q131.220.02	281	QRL.130.520.09	150	QRL.130.600.08	151		
Q131.220.03	281	QRL.130.520.09A	150	QRL.130.600.08A	151		
Q131.220.04	281	QRL.130.520.10	150	QRL.130.600.09	151		
Q131.220.05	281	QRL.130.520.10A	150	QRL.130.600.09A	151		
Q131.220.06	281	QRL.130.520.11	150	QRL.130.600.09W	151		
Q131.220.07	281	QRL.130.520.11A	150	QRL.130.600.10	151		
Q131.220.08	281	QRL.130.576.01	149	QRL.130.600.10A	151		
Q138.510.00	280	QRL.130.576.01A	149	QRL.130.600.10W	151		
Q138.510.01	280	QRL.130.576.02	149	QRL.130.600.11	151		
Q138.510.03	280	QRL.130.576.02A	149	QRL.130.600.11A	151		
Q138.510.04	280	QRL.130.576.03	149	QRL.131.536.01	152		
Q138.510.05	280	QRL.130.576.03A	149	QRL.131.536.01A	153		
Q138.510.06	280	QRL.130.576.04	149	QRL.131.536.02	152		
Q230.235.01	280	QRL.130.576.04A	149	QRL.131.536.02A	153		
Q230.235.02	280	QRL.130.576.05	149	QRL.131.536.03	152		
Q230.235.03	280	QRL.130.576.05A	149	QRL.131.536.03A	153		
Q230.235.04	280	QRL.130.576.06	149	QRL.131.536.04	152		
Q230.235.05	280	QRL.130.576.06A	149	QRL.131.536.04A	153		
Q230.235.06	280	QRL.130.576.07	149	QRL.131.536.05	152		
Q230.235.07	280	QRL.130.576.07A	149	QRL.131.536.05A	153		
Q233.202.01	281	QRL.130.576.08	149	QRL.131.536.06	152		
Q233.202.02	281	QRL.130.576.08A	149	QRL.131.536.06A	153		
Q233.202.03	281	QRL.130.576.09	149	QRL.131.536.07	152		
Q233.202.04	281	QRL.130.576.09A	149	QRL.131.536.07A	153		
Q233.202.05	281	QRL.130.576.10	149	QRL.131.536.08	152		
Q239.202.01	282	QRL.130.576.10A	149	QRL.131.536.08A	153		
Q239.202.02	282	QRL.130.576.11	149	QRL.131.536.09	152		
Q239.202.03	282	QRL.130.576.11A	149	QRL.131.536.09A	153		
Q239.202.04	282	QRL.130.576.14	149	QRL.131.536.10	152		
Q239.202.05	282	QRL.130.577.07	149	QRL.131.536.10A	153		
Q247.202.01	281	QRL.130.577.07A	149	QRL.131.536.11	152		
Q247.202.02	281	QRL.130.600.00	151	QRL.131.536.11A	153		
Q247.202.03	281	QRL.130.600.01	151	QRL.134.536.01	152		
Q247.202.04	281	QRL.130.600.01A	151	QRL.134.536.01A	153		
Q247.202.05	281	QRL.130.600.01AB	151	QRL.134.536.02	152		



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