



**RIKI GLOBAL**  
performance through innovation



# Laboratory Glassware & Essentials



# Volumetric Calibration

volumetric products are precisely calibrated in controlled environment on state of the art Automatic Calibrated Machines and highly accurate Balances. These machines are tuned to deliver products with highest possible accuracy. These machines work with temperature control equipment to regulate changes in calibration with change in water temperature. Lasers are used to check water meniscus and marking is done with diamond tools requiring no human intervention.





# Quality Assurance

Product quality directly depends on the quality of process. Quality control for products is employed in each stage of manufacturing process. This holistic view of quality assurance, involving all aspects of design, production, testing and packing ensures conformity with internal specifications as well as international standards. This is reflected in the approvals of ISO9001:2008 & ISO17025 standard.



# Quality Checks



## Enamel Adhesion Check

Tests are carried out as per ISO 4794 to ensure that enamel does not rub-off even with repeated usage and stays consistent even after using in Laboratory Glassware washers.



## Optical Clarity Check

Optical clarity of all the products manufactured is checked to ensure only clear glass products are supplied to all our users.



## Leakage Check

All Stopcocks are checked for any form of leakage first individually and then post attachment to make sure that no apparatus supplied by leaks.



## Residual Strain Check

Strain checking equipment (Polariscope) from one of the best manufacturer is used by Supertek to check for any residual strain in the products.



## Dimensional Check

Measuring Instruments of high accuracy are used for inspection of each and every piece atleast TWICE!!



## Joint Fitting Check

Dimensions and fitting of all sockets & cones are checked for proper taper ensuring zero leakage on use.



## Calibration check

All Volumetric glassware are checked at our ISO 17025 certified Calibration Lab for accuracy



# Technical Data

Laboratory Glassware is made of Heat Resistant Borosilicate 3.3 Glass, unless otherwise specified. It is suitable for use in laboratories as well as industrial application.

## CHEMICAL COMPOSITION

|                                    | Approx % by weight |
|------------------------------------|--------------------|
| SiO <sub>2</sub>                   | 81                 |
| B <sub>2</sub> O <sub>3</sub>      | 13                 |
| Na <sub>2</sub> O/K <sub>2</sub> O | 4                  |
| Al <sub>2</sub> O <sub>3</sub>     | 2                  |

## THERMAL PROPERTIES

The typical thermal properties of supertek glassware are given below:

|   |                             |
|---|-----------------------------|
| Coefficient of Linear Expansion                   | 32.5 x 10 <sup>-7</sup> /°C |
| Strain Point                                      | 515°C                       |
| Annealing Point                                   | 565°C                       |
| Softening Point                                   | 820°C                       |
| Specific Heat                                     | 0.2                         |
| Thermal Conductivity (Cal/cm <sup>3</sup> °C/sec) | 0.0027                      |

## CHEMICAL DUABILITY

Glassware is resistant to water, neutral and acid solutions, concentrated acids and their mixtures as well as to chlorine, bromine, iodine and organic matters. Only hydrofluoric acid, very hot phosphoric acid and alkaline solutions increasingly attack the glass surface with rising concentration and temperature.

# LABORATORY GLASSWARE & ESSENTIALS

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# Volumetric Glassware



# Burettes

## Wide Range for Critical and Routine Titration

Burettes are manufactured from low expansion 3.3 Borosilicate glass. A burette is a volumetric measuring glassware which is used in analytical chemistry for accurate dispensing of a liquid. Burette is an essential laboratory apparatus, commonly used in the titration process for quantitative analysis in many industrial chemical tests, where solutions of known concentration are used to find the concentration of unknown solution.

### Burettes come with 4 different types of stopcocks

Glass Key



Glass Screw Cap



PTFE Needle (Rotaflow)



PTFE Key



ISO Standard → **ISO/385** ← Supertek Brand  
Capacity → **50:0.1** ← Sub Division  
**A** ← Class  
To Deliver → **Ex**  
**27°C** ← Calibration Temp.  
Tolerance → **±0.05 ml**  
**02.22** ← Batch No  
Individual No → **1020**

ISO

DIN

ASTM

| Our Printing Criteria |                |
|-----------------------|----------------|
| ISO Class A           | White printing |
| ISO Class B           | White printing |
| Amber Glass           | White printing |

### Special features of certified glassware

- Individually calibrated and certified ( A class only )
- Multiple sizes & grades
- Complete traceability

*Right mix of quality and efficiency*





**Burette, With Glass Screw Cap Stopcock, Class A With Individual Works Certificate**

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Designed with straight bore stopcock that increases the life, compared to PTFE key stopcocks
- The glass stopcock enhances control and enables smoother action
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.101.0001 | 1**         | 0.01        | 0.006              | 4         |
| 77.101.0002 | 2**         | 0.01        | 0.01               | 4         |
| 77.101.0005 | 5**         | 0.02        | 0.01               | 4         |
| 77.101.0010 | 10          | 0.05        | 0.03               | 4         |
| 77.101.0025 | 25          | 0.1         | 0.05               | 4         |
| 77.101.0050 | 50          | 0.1         | 0.05               | 4         |
| 77.101.0100 | 100         | 0.2         | 0.1                | 4         |

\*\* with cup top

**Burette, With Glass Screw Cap Stopcock Class A With NABL Certificate**

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Designed with straight bore stopcock that increases the life, compared to PTFE key stopcocks
- The glass stopcock enhances control and enables smoother action
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 72.101.0010 | 10          | 0.05        | 0.03               | 1         |
| 72.101.0025 | 25          | 0.1         | 0.05               | 1         |
| 72.101.0050 | 50          | 0.1         | 0.05               | 1         |
| 72.101.0100 | 100         | 0.2         | 0.1                | 1         |

**Burette, With Glass Screw Cap Stopcock, Class B**

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385 / IS 1997
- Generally used in Titration process
- Designed with straight bore stopcock that increases the life, compared to PTFE key stopcocks
- The glass stopcock enhances control and enables smoother action

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.101.0010 | 10          | 0.05        | 0.05               | 4         |
| 70.101.0025 | 25          | 0.1         | 0.1                | 4         |
| 70.101.0050 | 50          | 0.1         | 0.1                | 4         |
| 70.101.0100 | 100         | 0.2         | 0.2                | 4         |



Precision  
Bore

Retrace  
Code

ISO 385  
IS 1997

### Burette, With Screw Type PTFE Needle Valve (Rotaflo) Stopcock, Class A With Individual Works Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Supplied with Rotaflo with PTFE Needle Valve that is highly resistant to chemical attack
- No need to lubricate it as PTFE Needle Valve is used
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.103.0001 | 1**         | 0.01        | 0.006              | 4         |
| 77.103.0002 | 2**         | 0.01        | 0.01               | 4         |
| 77.103.0005 | 5**         | 0.02        | 0.01               | 4         |
| 77.103.0010 | 10          | 0.05        | 0.03               | 4         |
| 77.103.0025 | 25          | 0.1         | 0.05               | 4         |
| 77.103.0050 | 50          | 0.1         | 0.05               | 4         |
| 77.103.0100 | 100         | 0.2         | 0.1                | 4         |

\*\* with cup top

### Burette, With Screw Type PTFE Needle Valve (Rotaflo) Stopcock, Class A With NABL Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Supplied with Rotaflo with PTFE Needle Valve that is highly resistant to chemical attack
- No need to lubricate it as PTFE Needle Valve is used
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 72.103.0010 | 10          | 0.05        | 0.03               | 1         |
| 72.103.0025 | 25          | 0.1         | 0.05               | 1         |
| 72.103.0050 | 50          | 0.1         | 0.05               | 1         |
| 72.103.0100 | 100         | 0.2         | 0.1                | 1         |

### Burette, With Screw Type PTFE Needle Valve (Rotaflo) Stopcock, Class B

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385 / IS 1997
- Generally used in Titration process
- Supplied with Rotaflo with PTFE Needle Valve that is highly resistant to chemical attack
- No need to lubricate it as PTFE Needle Valve is used

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.103.0010 | 10          | 0.05        | 0.05               | 4         |
| 70.103.0025 | 25          | 0.1         | 0.1                | 4         |
| 70.103.0050 | 50          | 0.1         | 0.1                | 4         |
| 70.103.0100 | 100         | 0.2         | 0.2                | 4         |

Best Seller



Burettes

Volumetric Glassware

Precision Bore

Retrace Code

ISO 385 IS 1997



### Amber Color Burette, With Screw Type PTFE Needle Valve (Rotaflow) Stopcock, Class A With Individual Works Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Supplied with Rotaflow with PTFE Needle Valve that is highly resistant to chemical attack
- No need to lubricate it as PTFE Needle Valve is used
- Amber color is applied to reduce UV light penetration
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 75.103.0025 | 25          | 0.1         | 0.05               | 1         |
| 75.103.0050 | 50          | 0.1         | 0.05               | 1         |

### Amber Color Burette, With Screw Type PTFE Needle Valve (Rotaflow) Stopcock, Class A With NABL Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Supplied with Rotaflow with PTFE Needle Valve that is highly resistant to chemical attack
- No need to lubricate it as PTFE Needle Valve is used
- Amber color is applied to reduce UV light penetration
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 73.103.0025 | 25          | 0.1         | 0.05               | 1         |
| 73.103.0050 | 50          | 0.1         | 0.05               | 1         |

### Amber Color Burette, With Screw Type PTFE Needle Valve (Rotaflow) Stopcock, Class B

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385 / IS 1997
- Generally used in Titration process
- Supplied with Rotaflow with PTFE Needle Valve that is highly resistant to chemical attack
- No need to lubricate it as PTFE Needle Valve is used
- Amber color is applied to reduce UV light penetration

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 71.103.0010 | 10          | 0.05        | 0.05               | 1         |
| 71.103.0025 | 25          | 0.1         | 0.1                | 1         |
| 71.103.0050 | 50          | 0.1         | 0.1                | 1         |



Precision  
Bore

Retrace  
Code

ISO 385  
IS 1997

### Burette, With Straight Bore PTFE Key Stopcock, Class A With Individual Works Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricant it as PTFE key is used
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.102.0001 | 1**         | 0.01        | 0.006              | 4         |
| 77.102.0002 | 2**         | 0.01        | 0.01               | 4         |
| 77.102.0005 | 5**         | 0.02        | 0.01               | 4         |
| 77.102.0010 | 10          | 0.05        | 0.03               | 4         |
| 77.102.0025 | 25          | 0.1         | 0.05               | 4         |
| 77.102.0050 | 50          | 0.1         | 0.05               | 4         |
| 77.102.0100 | 100         | 0.2         | 0.1                | 4         |

\*\* with cup top

### Burette, With Straight Bore PTFE Key Stopcock, Class A With NABL Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricant it as PTFE key is used
- NABL Certificate is supplied with each unit

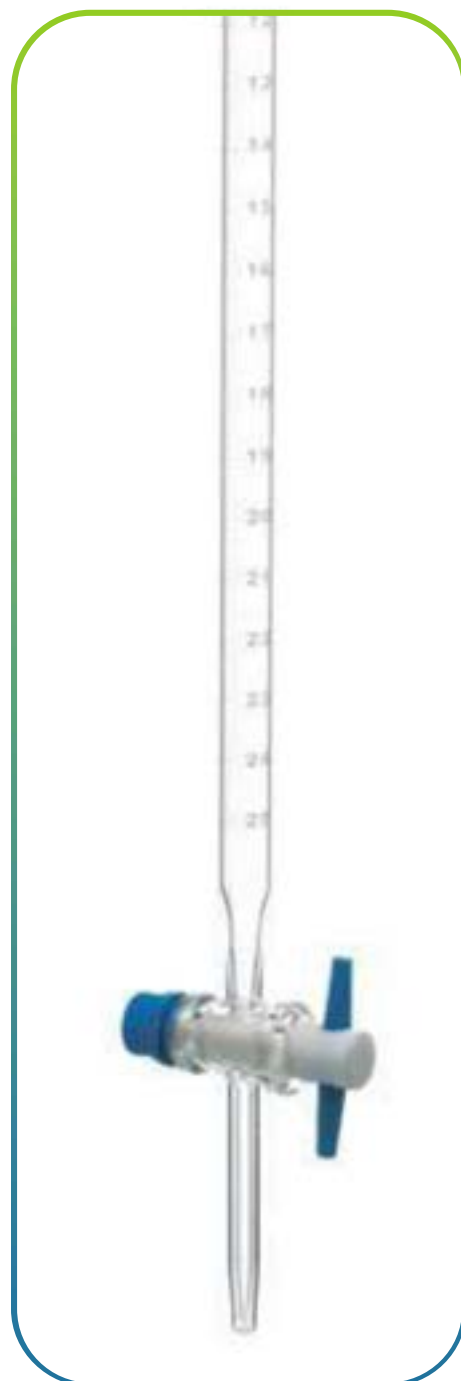


| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 72.102.0010 | 10          | 0.05        | 0.03               | 1         |
| 72.102.0025 | 25          | 0.1         | 0.05               | 1         |
| 72.102.0050 | 50          | 0.1         | 0.05               | 1         |
| 72.102.0100 | 100         | 0.2         | 0.1                | 1         |

### Burette, With Straight Bore PTFE Key Stopcock, Class B

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385 / IS 1997
- Generally used in Titration process
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricant it as PTFE key is used

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.102.0010 | 10          | 0.05        | 0.05               | 4         |
| 70.102.0025 | 25          | 0.1         | 0.1                | 4         |
| 70.102.0050 | 50          | 0.1         | 0.1                | 4         |
| 70.102.0100 | 100         | 0.2         | 0.2                | 4         |



### Amber Color Burette, With Straight Bore PTFE Key Stopcock, Class A With Individual Works Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- Generally used in Titration process
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricant it as PTFE key is used
- Amber color is applied to reduce UV light penetration
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 75.102.0010 | 10          | 0.05        | 0.03               | 1         |
| 75.102.0025 | 25          | 0.1         | 0.05               | 1         |
| 75.102.0050 | 50          | 0.1         | 0.05               | 1         |
| 75.102.0100 | 100         | 0.2         | 0.1                | 1         |



### Burette, With Straight Bore Glass Key Stopcock, Class B

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385/ IS 1997
- Generally used in Titration process

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.105.0010 | 10          | 0.05        | 0.05               | 4         |
| 70.105.0025 | 25          | 0.1         | 0.1                | 4         |
| 70.105.0050 | 50          | 0.1         | 0.1                | 4         |
| 70.105.0100 | 100         | 0.2         | 0.2                | 4         |



Precision  
Bore

Retrace  
Code

ISO 385  
IS 1997



### Burettes, Automatic Zero, Mounted on Reservoir, Rubber Bellow, Accuracy as per Class 'A' of IS 1997 : 2008, With Individual Works Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- With automatic zero facility
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Stopcock                    | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Bottle Capacity ml | Pack Size |
|-------------|-----------------------------|-------------|-------------|--------------------|--------------------|-----------|
| 77.114.0010 | Glass Screw Cap             | 10          | 0.05        | 0.03               | 500                | 1         |
| 77.114.0025 | Glass Screw Cap             | 25          | 0.1         | 0.05               | 2000               | 1         |
| 77.114.0050 | Glass Screw Cap             | 50          | 0.1         | 0.05               | 2000               | 1         |
| 77.114.0100 | Glass Screw Cap             | 100         | 0.2         | 0.1                | 2000               | 1         |
| 77.108.0010 | PTFE Needle Valve (Rotaflo) | 10          | 0.05        | 0.03               | 500                | 1         |
| 77.108.0025 | PTFE Needle Valve (Rotaflo) | 25          | 0.1         | 0.05               | 2000               | 1         |
| 77.108.0050 | PTFE Needle Valve (Rotaflo) | 50          | 0.1         | 0.05               | 2000               | 1         |
| 77.108.0100 | PTFE Needle Valve (Rotaflo) | 100         | 0.2         | 0.1                | 2000               | 1         |
| 77.110.0010 | PTFE Key                    | 10          | 0.05        | 0.03               | 500                | 1         |
| 77.110.0025 | PTFE Key                    | 25          | 0.1         | 0.05               | 2000               | 1         |
| 77.110.0050 | PTFE Key                    | 50          | 0.1         | 0.05               | 2000               | 1         |
| 77.110.0100 | PTFE Key                    | 100         | 0.2         | 0.1                | 2000               | 1         |

### Burettes, Automatic Zero, Mounted on Reservoir, Rubber Bellow, Accuracy as per Class 'A' of IS 1997 : 2008, With NABLCertificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- With automatic zero facility
- NABL Certificate is supplied with each unit



| Cat No.     | Stopcock                    | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Bottle Capacity ml | Pack Size |
|-------------|-----------------------------|-------------|-------------|--------------------|--------------------|-----------|
| 72.114.0025 | Glass Screw Cap             | 25          | 0.1         | 0.05               | 2000               | 1         |
| 72.114.0050 | Glass Screw Cap             | 50          | 0.1         | 0.05               | 2000               | 1         |
| 72.108.0025 | PTFE Needle Valve (Rotaflo) | 25          | 0.1         | 0.05               | 2000               | 1         |
| 72.108.0050 | PTFE Needle Valve (Rotaflo) | 50          | 0.1         | 0.05               | 2000               | 1         |



Precision  
Bore

Retrace  
Code

ISO 385  
IS 1997

### Amber Color Burettes, Automatic Zero, Mounted on Reservoir, Rubber Bellow, Accuracy as per Class 'A' of IS 1997 : 2008, With Individual Works Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- With automatic zero facility
- Amber color is applied to reduce UV light penetration
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Stopcock                    | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Bottle Capacity ml | Pack Size |
|-------------|-----------------------------|-------------|-------------|--------------------|--------------------|-----------|
| 75.114.0010 | Glass Screw Cap             | 10          | 0.05        | 0.03               | 500                | 1         |
| 75.114.0025 | Glass Screw Cap             | 25          | 0.1         | 0.05               | 2000               | 1         |
| 75.114.0050 | Glass Screw Cap             | 50          | 0.1         | 0.05               | 2000               | 1         |
| 75.114.0100 | Glass Screw Cap             | 100         | 0.2         | 0.1                | 2000               | 1         |
| 75.108.0010 | PTFE Needle Valve (Rotaflo) | 10          | 0.05        | 0.03               | 500                | 1         |
| 75.108.0025 | PTFE Needle Valve (Rotaflo) | 25          | 0.1         | 0.05               | 2000               | 1         |
| 75.108.0050 | PTFE Needle Valve (Rotaflo) | 50          | 0.1         | 0.05               | 2000               | 1         |
| 75.108.0100 | PTFE Needle Valve (Rotaflo) | 100         | 0.2         | 0.1                | 2000               | 1         |
| 75.110.0010 | PTFE Key                    | 10          | 0.05        | 0.03               | 500                | 1         |
| 75.110.0025 | PTFE Key                    | 25          | 0.1         | 0.05               | 2000               | 1         |
| 75.110.0050 | PTFE Key                    | 50          | 0.1         | 0.05               | 2000               | 1         |
| 75.110.0100 | PTFE Key                    | 100         | 0.2         | 0.1                | 2000               | 1         |

### Amber Color Burettes, Automatic Zero, Mounted on Reservoir, Rubber Bellow, Accuracy as per Class 'A' of IS 1997 : 2008, With NABL Certificate

- Calibrated at 27°C
- The volume content tolerances conform to Class A of ISO 385 / IS 1997
- With automatic zero facility
- Amber color is applied to reduce UV light penetration
- NABL Certificate is supplied with each unit



| Cat No.     | Stopcock                    | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Bottle Capacity ml | Pack Size |
|-------------|-----------------------------|-------------|-------------|--------------------|--------------------|-----------|
| 73.114.0025 | Glass Screw Cap             | 25          | 0.1         | 0.05               | 2000               | 1         |
| 73.114.0050 | Glass Screw Cap             | 50          | 0.1         | 0.05               | 2000               | 1         |
| 73.108.0025 | PTFE Needle Valve (Rotaflo) | 25          | 0.1         | 0.05               | 2000               | 1         |
| 73.108.0050 | PTFE Needle Valve (Rotaflo) | 50          | 0.1         | 0.05               | 2000               | 1         |



Precision  
Bore

Retrace  
Code

ISO 385  
IS 1997

### Burettes, Automatic Zero, Mounted on Reservoir, Rubber Bellow, Accuracy as per Class 'B' of IS 1997 : 2008.

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385 / IS 1997
- With automatic zero facility

| Cat No.     | Stopcock                    | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Bottle Capacity ml | Pack Size |
|-------------|-----------------------------|-------------|-------------|--------------------|--------------------|-----------|
| 70.114.0010 | Glass Screw Cap             | 10          | 0.05        | 0.05               | 500                | 1         |
| 70.114.0025 | Glass Screw Cap             | 25          | 0.1         | 0.1                | 2000               | 1         |
| 70.114.0050 | Glass Screw Cap             | 50          | 0.1         | 0.1                | 2000               | 1         |
| 70.114.0100 | Glass Screw Cap             | 100         | 0.2         | 0.2                | 2000               | 1         |
| 70.108.0010 | PTFE Needle Valve (Rotaflo) | 10          | 0.05        | 0.05               | 500                | 1         |
| 70.108.0025 | PTFE Needle Valve (Rotaflo) | 25          | 0.1         | 0.1                | 2000               | 1         |
| 70.108.0050 | PTFE Needle Valve (Rotaflo) | 50          | 0.1         | 0.1                | 2000               | 1         |
| 70.108.0100 | PTFE Needle Valve (Rotaflo) | 100         | 0.2         | 0.2                | 2000               | 1         |
| 70.110.0010 | PTFE Key                    | 10          | 0.05        | 0.05               | 500                | 1         |
| 70.110.0025 | PTFE Key                    | 25          | 0.1         | 0.1                | 2000               | 1         |
| 70.110.0050 | PTFE Key                    | 50          | 0.1         | 0.1                | 2000               | 1         |
| 70.110.0100 | PTFE Key                    | 100         | 0.2         | 0.2                | 2000               | 1         |

### Amber Color Burettes, Automatic Zero, Mounted on Reservoir, Rubber Bellow, Accuracy as per Class 'B' of IS 1997 : 2008

- Calibrated at 27°C
- The volume content tolerances conform to Class B of ISO 385 / IS 1997
- With automatic zero facility
- Amber color is applied to reduce UV light penetration

| Cat No.     | Stopcock        | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Bottle Capacity ml | Pack Size |
|-------------|-----------------|-------------|-------------|--------------------|--------------------|-----------|
| 71.114.0010 | Glass Screw Cap | 10          | 0.05        | 0.05               | 500                | 1         |
| 71.114.0025 | Glass Screw Cap | 25          | 0.1         | 0.1                | 2000               | 1         |
| 71.114.0050 | Glass Screw Cap | 50          | 0.1         | 0.1                | 2000               | 1         |
| 71.114.0100 | Glass Screw Cap | 100         | 0.2         | 0.2                | 2000               | 1         |



### Spare Rubber Bellow With Cotton Net for Automatic Burettes

| Cat No.     | Pack Size |
|-------------|-----------|
| 77.108.1111 | 2         |

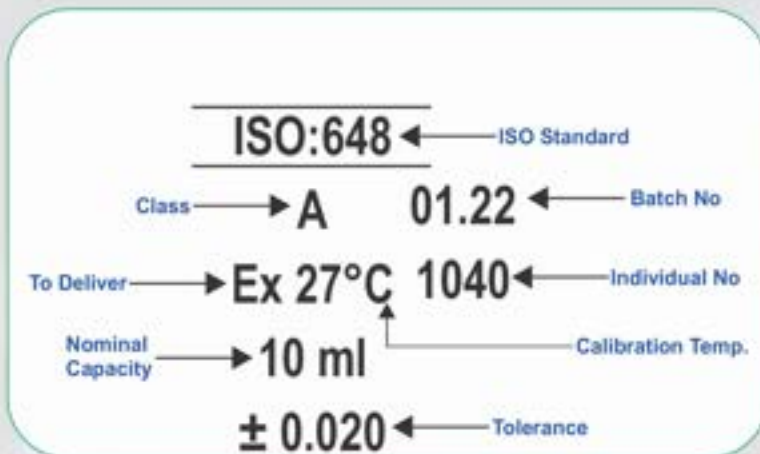


# Pipettes

## Playing a Key Role in Every Laboratory

Pipettes are widely used to transfer and dispense fixed amounts of liquids. Pipettes come in many different varieties and each variety is targeted to specific use in the Laboratory. Two of the most common types of pipettes are Volumetric and Graduated pipettes, both of which can be found in most laboratories and research facilities. However, there are significant differences in them and each type of pipette is built with distinct advantages and disadvantages making it essential to understand the functions of each one before use. Each product is color coded to facilitate easy identification.

### Understanding the marking of Volumetric Pipettes



### Special features of certified glassware

- Conforming international specification ISO and ASTM
- Individually calibrated and certified ( A class only )
- Multiple sizes & grades
- Complete traceability

| <i>Our Printing Criteria</i> |                |
|------------------------------|----------------|
| ISO Class A                  | Amber printing |
| ISO Class B                  | Amber printing |
| USP                          | Amber printing |
| Amber Glass                  | White printing |

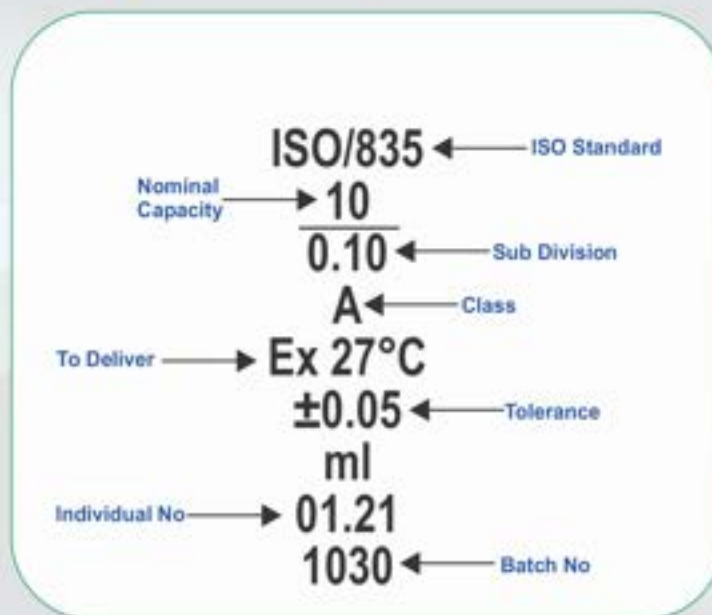


# Pipettes

## Playing a Key Role in Every Laboratory

- A volumetric pipette (also called as Bulb Pipette or Belly Pipette) allows only a specific (or fixed) amount of solution to be transferred
- Graduated pipettes allow for variable volumes of liquid to be transferred from one place to another.

### Understanding the marking of Graduated Pipettes



### Comparison between Mohr and Serological Pipettes

| MOHR   | SEROLOGICAL                              |
|--|--|
| Delivery from zero mark to the last graduations mark | Delivery from zero mark to the tip       |
| The graduations on these always end before the tip   | The graduation marks continue to the tip |
| It can be used for partial delivery                  | It can be used for partial delivery      |

Right mix of quality and efficiency

### Pipette, Transfer, Volumetric, With One Mark, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A ISO-648/IS 1117:1975 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 77.301.0001 | 1           | 0.008              | 10        |
| 77.301.0002 | 2           | 0.01               | 10        |
| 77.301.0003 | 3*          | 0.01               | 10        |
| 77.301.0004 | 4*          | 0.01               | 10        |
| 77.301.0005 | 5           | 0.015              | 10        |
| 77.301.0006 | 6*          | 0.015              | 10        |
| 77.301.0007 | 7*          | 0.015              | 10        |
| 77.301.0008 | 8*          | 0.02               | 10        |
| 77.301.0009 | 9*          | 0.02               | 10        |
| 77.301.0010 | 10          | 0.02               | 10        |
| 77.301.0015 | 15*         | 0.02               | 10        |
| 77.301.0020 | 20          | 0.03               | 10        |
| 77.301.0025 | 25          | 0.03               | 10        |
| 77.301.0050 | 50          | 0.05               | 10        |
| 77.301.0100 | 100         | 0.08               | 4         |

\* Not covered under IS/ISO specifications

### Pipette, Transfer, Volumetric, With One Mark, Class A With NABL Certificate

- Calibrated at 27°C
- In compliance to Class A ISO-648/IS 1117:1975 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 72.301.0001 | 1           | 0.008              | 1         |
| 72.301.0002 | 2           | 0.01               | 1         |
| 72.301.0005 | 5           | 0.015              | 1         |
| 72.301.0010 | 10          | 0.02               | 1         |
| 72.301.0020 | 20          | 0.03               | 1         |
| 72.301.0025 | 25          | 0.03               | 1         |
| 72.301.0050 | 50          | 0.05               | 1         |
| 72.301.0100 | 100         | 0.08               | 1         |

Best Seller



Pipette Filler See Page No. 162

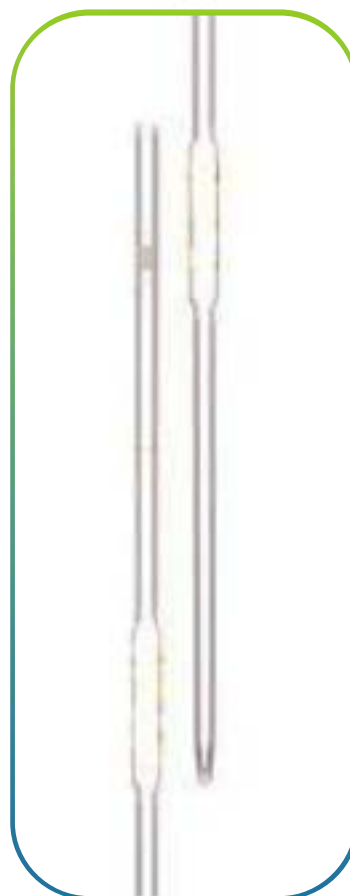


### USP Standard Pipette, Transfer, Volumetric, With One Mark, Class A With Individual USP Certificate

- Calibrated at 20°C
- In compliance to Class A ASTM E 969-02 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- A calibration certificate is provided with each individual certified unit & same is available on our website



| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 50.311.0001 | 1           | 0.006              | 10        |
| 50.311.0501 | 1.5         | 0.006              | 10        |
| 50.311.0002 | 2           | 0.006              | 10        |
| 50.311.0502 | 2.5         | 0.01               | 10        |
| 50.311.0003 | 3           | 0.01               | 10        |
| 50.311.0004 | 4           | 0.01               | 10        |
| 50.311.0005 | 5           | 0.01               | 10        |
| 50.311.0006 | 6           | 0.01               | 10        |
| 50.311.0007 | 7           | 0.01               | 10        |
| 50.311.0008 | 8           | 0.02               | 10        |
| 50.311.0009 | 9           | 0.02               | 10        |
| 50.311.0010 | 10          | 0.02               | 10        |
| 50.311.0015 | 15          | 0.03               | 10        |
| 50.311.0020 | 20          | 0.03               | 10        |
| 50.311.0025 | 25          | 0.03               | 10        |
| 50.311.0030 | 30          | 0.03               | 10        |
| 50.311.0040 | 40          | 0.05               | 10        |
| 50.311.0050 | 50          | 0.05               | 10        |
| 50.311.0100 | 100         | 0.08               | 4         |



### Pipette, Transfer, Volumetric, With One Mark, Class B

- Calibrated at 27°C
- In Compliance to Class B ISO-648/IS 1117:1975 standard
- Calibrated for delivery (TD, Ex)
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 70.301.0001 | 1           | 0.015              | 10        |
| 70.301.0002 | 2           | 0.02               | 10        |
| 70.301.0005 | 5           | 0.03               | 10        |
| 70.301.0010 | 10          | 0.04               | 10        |
| 70.301.0020 | 20          | 0.06               | 10        |
| 70.301.0025 | 25          | 0.06               | 10        |
| 70.301.0050 | 50          | 0.1                | 10        |
| 70.301.0100 | 100         | 0.15               | 4         |



### Pipettes-ASTM, Transfer, Volumetric, With One Mark, Class B

- In Compliance to Class B ASTM E-969-02
- Calibrated for delivery
- Generally used for accurate measurement and decanting of liquid

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 48.301.0001 | 1           | 0.012              | 10        |
| 48.301.0002 | 2           | 0.012              | 10        |
| 48.301.0003 | 3           | 0.02               | 10        |
| 48.301.0004 | 4           | 0.02               | 10        |
| 48.301.0005 | 5           | 0.02               | 10        |
| 48.301.0006 | 6           | 0.03               | 10        |
| 48.301.0007 | 7           | 0.03               | 10        |
| 48.301.0008 | 8           | 0.04               | 10        |
| 48.301.0009 | 9           | 0.04               | 10        |
| 48.301.0010 | 10          | 0.04               | 10        |
| 48.301.0015 | 15          | 0.06               | 10        |
| 48.301.0020 | 20          | 0.06               | 10        |
| 48.301.0025 | 25          | 0.06               | 10        |
| 48.301.0030 | 30*         | 0.06               | 10        |
| 48.301.0040 | 40*         | 0.10               | 10        |
| 48.301.0050 | 50          | 0.10               | 10        |
| 48.301.0100 | 100         | 0.16               | 4         |



ASTM  
969-02

### Amber Color Pipette, Transfer, Volumetric, With One Mark, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A ISO-648/IS 1117:1975 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- A calibration certificate is provided with each individual certified unit & same is available on our website
- Amber color is applied to reduce UV light penetration

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 75.301.0001 | 1           | 0.008              | 10        |
| 75.301.0002 | 2           | 0.01               | 10        |
| 75.301.0003 | 3*          | 0.01               | 10        |
| 75.301.0004 | 4*          | 0.01               | 10        |
| 75.301.0005 | 5           | 0.015              | 10        |
| 75.301.0006 | 6*          | 0.015              | 10        |
| 75.301.0007 | 7*          | 0.015              | 10        |
| 75.301.0008 | 8*          | 0.02               | 10        |
| 75.301.0009 | 9*          | 0.02               | 10        |
| 75.301.0010 | 10          | 0.02               | 10        |
| 75.301.0015 | 15*         | 0.02               | 10        |
| 75.301.0020 | 20          | 0.03               | 10        |
| 75.301.0025 | 25          | 0.03               | 10        |
| 75.301.0050 | 50          | 0.05               | 10        |
| 75.301.0100 | 100         | 0.08               | 4         |



ISO 648  
IS 1117

### Amber Color Pipette, Transfer, Volumetric, With One Mark, Class A With NABL Certificate

- Calibrated at 27°C
- In compliance to Class A ISO-648/IS 1117:1975 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Amber color is applied to reduce UV light penetration
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 73.301.0001 | 1           | 0.008              | 1         |
| 73.301.0002 | 2           | 0.01               | 1         |
| 73.301.0003 | 3*          | 0.01               | 1         |
| 73.301.0004 | 4*          | 0.01               | 1         |
| 73.301.0005 | 5           | 0.015              | 1         |
| 73.301.0006 | 6*          | 0.015              | 1         |
| 73.301.0007 | 7*          | 0.015              | 1         |
| 73.301.0008 | 8*          | 0.02               | 1         |
| 73.301.0009 | 9*          | 0.02               | 1         |
| 73.301.0010 | 10          | 0.02               | 1         |
| 73.301.0015 | 15*         | 0.02               | 1         |
| 73.301.0020 | 20          | 0.03               | 1         |
| 73.301.0025 | 25          | 0.03               | 1         |
| 73.301.0050 | 50          | 0.05               | 1         |
| 73.301.0100 | 100         | 0.08               | 1         |

### Amber Color USP Standard Pipette, Transfer, Volumetric, With One Mark, Class A With Individual Certificate

- Calibrated at 20°C
- In compliance to Class A ASTM E-969-02 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- A calibration certificate is provided with each Individual certified unit & same is available on our website



| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 74.301.0001 | 1           | 0.006              | 10        |
| 74.301.0002 | 2           | 0.006              | 10        |
| 74.301.0005 | 5           | 0.01               | 10        |
| 74.301.0010 | 10          | 0.02               | 10        |
| 74.301.0020 | 20          | 0.03               | 10        |
| 74.301.0025 | 25          | 0.03               | 10        |
| 74.301.0050 | 50          | 0.05               | 10        |
| 74.301.0100 | 100         | 0.08               | 4         |





### Pipette, Graduated, Mohr Type, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A ISO 835 / IS 4162:1985 Standard
- These pipettes are graduated for delivery from zero mark at top to the last graduation mark.
- Sturdy, designed to last long usage
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.302.0101 | 0.1         | 0.01        | 0.006              | 10        |
| 77.302.0102 | 0.2         | 0.01        | 0.006              | 10        |
| 77.302.0001 | 1           | 0.01        | 0.007              | 10        |
| 77.302.0011 | 1           | 0.1         | 0.007              | 10        |
| 77.302.0002 | 2           | 0.02        | 0.01               | 10        |
| 77.302.0022 | 2           | 0.1         | 0.01               | 10        |
| 77.302.0005 | 5           | 0.05        | 0.03               | 10        |
| 77.302.0055 | 5           | 0.1         | 0.03               | 10        |
| 77.302.0010 | 10          | 0.1         | 0.05               | 10        |
| 77.302.0025 | 25          | 0.2         | 0.1                | 10        |

### Pipette, Graduated, Mohr Type, Class A With NABL Certificate

- Calibrated at 27°C
- In compliance to Class A ISO 835 / IS 4162:1985
- These pipettes are graduated for delivery from zero mark at top to the last graduation mark.
- Sturdy, designed to last long usage
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 72.302.0101 | 0.1         | 0.01        | 0.006              | 1         |
| 72.302.0102 | 0.2         | 0.01        | 0.006              | 1         |
| 72.302.0001 | 1           | 0.01        | 0.007              | 1         |
| 72.302.0011 | 1           | 0.1         | 0.007              | 1         |
| 72.302.0002 | 2           | 0.02        | 0.01               | 1         |
| 72.302.0022 | 2           | 0.1         | 0.01               | 1         |
| 72.302.0005 | 5           | 0.05        | 0.03               | 1         |
| 72.302.0055 | 5           | 0.1         | 0.03               | 1         |
| 72.302.0010 | 10          | 0.1         | 0.05               | 1         |
| 72.302.0025 | 25          | 0.2         | 0.1                | 1         |

### Pipette, Graduated, Mohr Type, Class B

- Calibrated at 27°C
- In compliance to Class B ISO 835 / IS 4162:1985 Standard
- Sturdy, designed to last long usage
- These pipettes are graduated for delivery from zero mark at top to the last graduation mark.
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.302.0101 | 0.1         | 0.01        | 0.01               | 10        |
| 70.302.0102 | 0.2         | 0.01        | 0.01               | 10        |
| 70.302.0001 | 1           | 0.01        | 0.01               | 10        |
| 70.302.0011 | 1           | 0.1         | 0.01               | 10        |
| 70.302.0002 | 2           | 0.02        | 0.02               | 10        |
| 70.302.0022 | 2           | 0.1         | 0.02               | 10        |
| 70.302.0005 | 5           | 0.05        | 0.05               | 10        |
| 70.302.0055 | 5           | 0.1         | 0.05               | 10        |
| 70.302.0010 | 10          | 0.1         | 0.1                | 10        |
| 70.302.0025 | 25          | 0.2         | 0.2                | 10        |



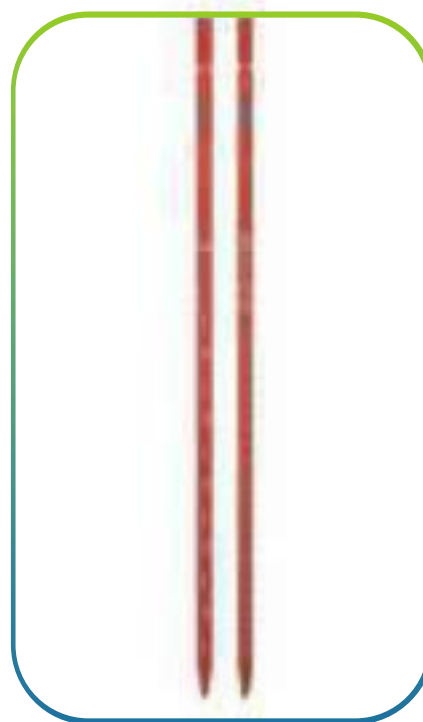
ISO 835  
IS 4162

### Amber Color Pipette, Graduated, Mohr Type, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A ISO 835 / IS 4162:1985 Standard
- These pipettes are graduated for delivery from zero mark at top to the last graduation mark.
- Sturdy, designed to last long usage
- Amber color is applied to reduce UV light penetration
- A calibration certificate is provided with each Individual certified unit & same is available on our website

Till Stock Lasts

| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 75.302.0011 | 1           | 0.1         | 0.007              | 10        |
| 75.302.0022 | 2           | 0.1         | 0.01               | 10        |
| 75.302.0055 | 5           | 0.1         | 0.03               | 10        |



### USP Graduated Pipettes, Serological, Class A With Individual USP Certificate

- Calibrated at 20°C
- In compliance to ASTM 1293-02 standard
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- A calibration certificate is provided with each Individual certified unit & same is available on our website



| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 50.303.0005 | 0.1         | 0.01        | 0.010              | 10        |
| 50.303.0010 | 0.2         | 0.01        | 0.010              | 10        |
| 50.303.0015 | 1           | 0.01        | 0.010              | 10        |
| 50.303.0020 | 2           | 0.02        | 0.010              | 10        |
| 50.303.0025 | 5           | 0.05        | 0.020              | 10        |
| 50.303.0030 | 10          | 0.1         | 0.030              | 10        |
| 50.303.0035 | 25          | 0.2         | 0.050              | 10        |



### Pipette, Graduated, Serological, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A ISO 835 / IS 4162:1985 Standard
- These pipettes are calibrated to deliver from any graduation line to tip
- Sturdy, designed to last long usage
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.303.0101 | 0.1         | 0.01        | 0.006              | 10        |
| 77.303.0102 | 0.2         | 0.01        | 0.006              | 10        |
| 77.303.0001 | 1           | 0.01        | 0.007              | 10        |
| 77.303.0011 | 1           | 0.1         | 0.007              | 10        |
| 77.303.0002 | 2           | 0.02        | 0.01               | 10        |
| 77.303.0022 | 2           | 0.1         | 0.01               | 10        |
| 77.303.0005 | 5           | 0.05        | 0.03               | 10        |
| 77.303.0055 | 5           | 0.1         | 0.03               | 10        |
| 77.303.0010 | 10          | 0.1         | 0.05               | 10        |
| 77.303.0025 | 25          | 0.2         | 0.1                | 10        |

### Pipette, Graduated, Serological, Class A With NABL Certificate

- Calibrated at 27°C
- In compliance to Class A ISO 835 / IS 4162:1985 Standard
- These pipettes are calibrated to deliver from any graduation line to tip
- Sturdy, designed to last long usage
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 72.303.0101 | 0.1         | 0.01        | 0.006              | 1         |
| 72.303.0102 | 0.2         | 0.01        | 0.006              | 1         |
| 72.303.0001 | 1           | 0.01        | 0.007              | 1         |
| 72.303.0011 | 1           | 0.1         | 0.007              | 1         |
| 72.303.0002 | 2           | 0.02        | 0.01               | 1         |
| 72.303.0022 | 2           | 0.1         | 0.01               | 1         |
| 72.303.0005 | 5           | 0.05        | 0.03               | 1         |
| 72.303.0055 | 5           | 0.1         | 0.03               | 1         |
| 72.303.0010 | 10          | 0.1         | 0.05               | 1         |
| 72.303.0025 | 25          | 0.2         | 0.1                | 1         |

### Pipette, Graduated, Serological, Class B

- Calibrated at 27°C
- In compliance to Class B ISO 835 / IS 4162:1985 Standard
- Sturdy, designed to last long usage
- These pipettes are calibrated to deliver from any graduation line to tip
- Markings are made in permanent amber stain diffused into the surface of the glass for better visibility and durability

| Cat No.     | Capacity ml | Sub. Div ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.303.0101 | 0.1         | 0.01        | 0.01               | 10        |
| 70.303.0102 | 0.2         | 0.01        | 0.01               | 10        |
| 70.303.0001 | 1           | 0.01        | 0.01               | 10        |
| 70.303.0011 | 1           | 0.1         | 0.01               | 10        |
| 70.303.0002 | 2           | 0.02        | 0.02               | 10        |
| 70.303.0022 | 2           | 0.1         | 0.02               | 10        |
| 70.303.0005 | 5           | 0.05        | 0.05               | 10        |
| 70.303.0055 | 5           | 0.1         | 0.05               | 10        |
| 70.303.0010 | 10          | 0.1         | 0.1                | 10        |
| 70.303.0025 | 25          | 0.2         | 0.2                | 10        |

Best Seller





### Pipette, Pasteur

- Boro Glass 7.0 Expansion

| Cat No.     | Length, Pack mm | Pack Size |
|-------------|-----------------|-----------|
| 70.310.0145 | 145             | 1000      |
| 70.310.0230 | 230             | 1000      |



### Pipette, Dropping With Capillary Jet

- Pipette with rubber teat

| Cat No.     | Length, Pack mm       | Pack Size |
|-------------|-----------------------|-----------|
| 70.312.0005 | 5 cm. with 5 cm. jet  | 10        |
| 70.312.0008 | 8 cm. with 10 cm. jet | 10        |



### Pipette, Dropper

- Pipette with rubber teat

| Cat No.     | Length, Pack mm | Pack Size |
|-------------|-----------------|-----------|
| 70.314.0150 | 150             | 10        |



### Milk Pipette Bacteriological

- Complies with IS 2025
- These Pipettes are used for the bacteriological examination of milk
- 1.1 ml is graduated at 0.5 to 1.1 ml
- 2.2 ml is graduated at 1.0, 2.0, 2.1 and 2.2 ml

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 70.316.0111 | 1.1         | 0.03               | 10        |
| 70.316.0222 | 2.2         | 0.04               | 10        |



**Milk Pipette Gerber**

- Complies with IS 1223 ( Part II)
- These Pipettes are used for testing milk by the Gerber method.
- Sturdy, designed to last long
- Gerber Milk Pipettes are one-mark transfer Pipettes for measuring 10.75 ml
- They can be also be used in rural Milk Collection Centres

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 70.318.1075 | 10.75       | 0.03               | 10        |

**Milk Pipette Gerber, Class A With Individual Works Certificate**

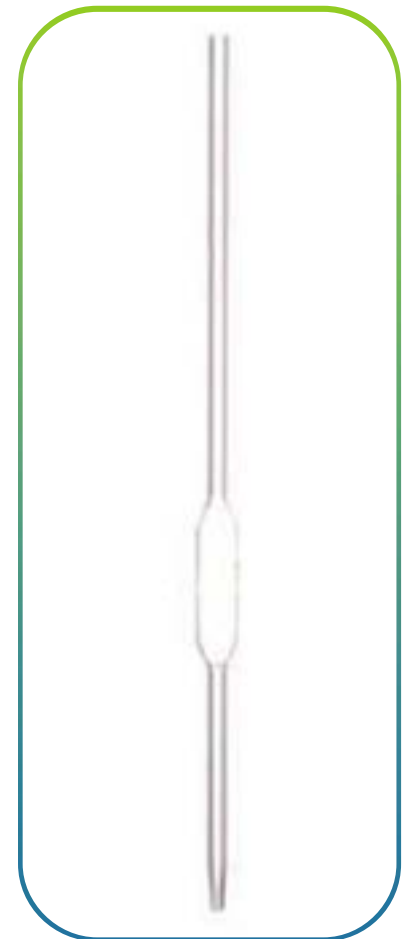
| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 77.318.1075 | 10.75       | 0.015              | 10        |

**Milk Pipette Gerber, Class A With NABL Certificat**

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|--------------------|-----------|
| 72.318.1075 | 10.75       | 0.015              | 1         |

**Drum Sampling Tube Length 1000 Mm, Dia 19mm Heavy Wall**

| Cat No.     | Length, Pack mm | Pack Size |
|-------------|-----------------|-----------|
| 70.322.1000 | 1000            | 1         |

**Pipettes Automatic Quick Acting For Rapid Work of Approximate Accuracy (Tilt Measure) Complete With Conical Flask, Interchangeable Joint Fitting**

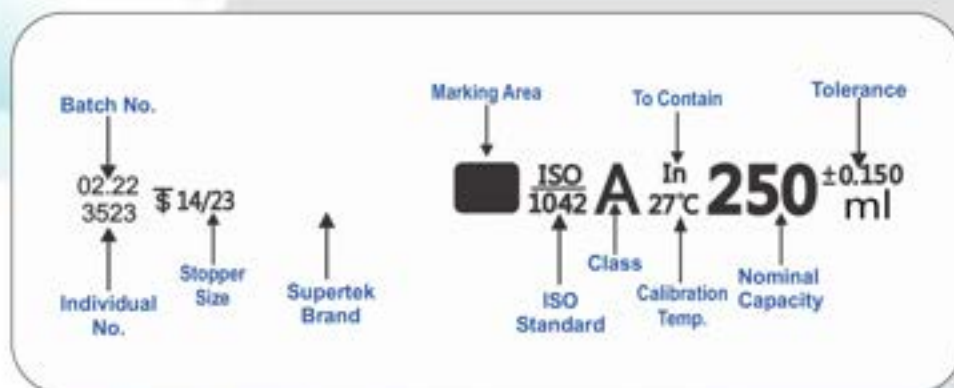
| Cat No.     | Capacity ml | Reservoir Cap. Minimum | Pack Size |
|-------------|-------------|------------------------|-----------|
| 70.306.0001 | 1           | 100                    | 2         |
| 70.306.0002 | 2           | 100                    | 2         |
| 70.306.0005 | 5           | 250                    | 2         |
| 70.306.0010 | 10          | 250                    | 2         |
| 70.306.0020 | 20          | 500                    | 2         |
| 70.306.0025 | 25          | 500                    | 2         |



# Volumetric Flasks

## An Integral Part of Every Laboratory

Volumetric flasks are made from Low expansion 3.3 Borosilicate Glass. All flasks are calibrated to contain (TC/In) at 27°C/20°C reference temperature, which is indicated on the label. These flasks are calibrated on state of the art fully automatic calibration machine. Flasks have uniform thickness and are available in clear and amber glass. Total volume is marked with a circular graduation mark. Volumetric flasks are made for precise dilutions and preparations of standard solutions.



| Our Printing Criteria                |                |
|--------------------------------------|----------------|
| Amber glass all volumetric flask     | White Printing |
| Clear glass Volumetric flask Class-B | Amber Printing |
| Class - A ISO, USP Volumetric flask  | Amber Printing |
| Class - A ASTM Volumetric flask      | Amber Printing |

### Special features of certified glassware

- Conforming international specification ISO and ASTM
- Individually calibrated and certified ( A class only )
  - Multiple sizes & grades
  - Complete traceability



*Right mix of quality and efficiency*



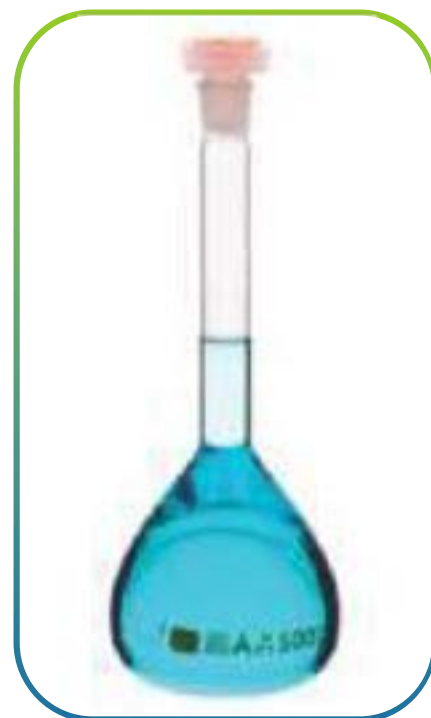
### Flask Volumetric, With Interchangeable Glass and Super Stopper™, Class A With Individual Works Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each Individual certified product & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 77.418.0001 | 1*          | 0.025          | 7/16               | 6         |
| 77.418.0002 | 2*          | 0.025          | 7/16               | 6         |
| 77.418.0005 | 5*          | 0.025          | 10/19 <sup>f</sup> | 2         |
| 77.418.0010 | 10*         | 0.025          | 10/19 <sup>f</sup> | 2         |
| 77.418.0015 | 15*         | 0.025          | 10/19              | 2         |
| 77.418.0020 | 20*         | 0.04           | 10/19              | 2         |
| 77.418.0025 | 25          | 0.04           | 10/19              | 2         |
| 77.418.0030 | 30          | 0.04           | 10/19              | 2         |
| 77.418.0050 | 50          | 0.06           | 12/21              | 2         |
| 77.418.0075 | 75          | 0.06           | 12/21              | 2         |
| 77.418.0100 | 100         | 0.1            | 14/23              | 2         |
| 77.418.0150 | 150         | 0.1            | 14/23              | 2         |
| 77.418.0200 | 200         | 0.15           | 14/23              | 2         |
| 77.418.0250 | 250         | 0.15           | 14/23              | 2         |
| 77.418.0300 | 300         | 0.15           | 14/23              | 2         |
| 77.418.0500 | 500         | 0.25           | 19/26              | 2         |
| 77.418.1000 | 1000        | 0.4            | 24/29              | 2         |
| 77.418.2000 | 2000        | 0.6            | 29/32              | 1         |
| 77.418.5000 | 5000        | 1.2            | 34/35              | 1         |

\* Supertek standard

<sup>f</sup> upto 20ml sizes are of trapezoidal shape



### Flask Volumetric, With Interchangeable Glass and Super Stopper™, Class A With NABL Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 72.418.0005 | 5*          | 0.025          | 10/19 <sup>f</sup> | 1         |
| 72.418.0010 | 10*         | 0.025          | 10/19 <sup>f</sup> | 1         |
| 72.418.0015 | 15*         | 0.025          | 10/19              | 1         |
| 72.418.0020 | 20*         | 0.04           | 10/19              | 1         |
| 72.418.0025 | 25          | 0.04           | 10/19              | 1         |
| 72.418.0030 | 30          | 0.04           | 10/19              | 1         |
| 72.418.0050 | 50          | 0.06           | 12/21              | 1         |
| 72.418.0075 | 75          | 0.06           | 12/21              | 1         |
| 72.418.0100 | 100         | 0.1            | 14/23              | 1         |
| 72.418.0150 | 150         | 0.1            | 14/23              | 1         |
| 72.418.0200 | 200         | 0.15           | 14/23              | 1         |
| 72.418.0250 | 250         | 0.15           | 14/23              | 1         |
| 72.418.0300 | 300         | 0.15           | 14/23              | 1         |
| 72.418.0500 | 500         | 0.25           | 19/26              | 1         |
| 72.418.1000 | 1000        | 0.4            | 24/29              | 1         |
| 72.418.2000 | 2000        | 0.6            | 29/32              | 1         |

\* Supertek standard

<sup>f</sup> upto 20ml sizes are of trapezoidal shape



### Flask Volumetric, With Interchangeable Glass and Super Stopper™, Class B

- Calibrated at 27°C
- In Compliance to Class B ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 70.418.0001 | 1*          | 0.05           | 7/16               | 6         |
| 70.418.0002 | 2*          | 0.05           | 7/16               | 6         |
| 70.418.0005 | 5*          | 0.05           | 10/19 <sup>a</sup> | 2         |
| 70.418.0010 | 10*         | 0.05           | 10/19 <sup>a</sup> | 2         |
| 70.418.0020 | 20*         | 0.08           | 10/19              | 2         |
| 70.418.0025 | 25          | 0.08           | 10/19              | 2         |
| 70.418.0050 | 50          | 0.12           | 12/21              | 2         |
| 70.418.0100 | 100         | 0.2            | 14/23              | 2         |
| 70.418.0200 | 200         | 0.3            | 14/23              | 2         |
| 70.418.0250 | 250         | 0.3            | 14/23              | 2         |
| 70.418.0500 | 500         | 0.5            | 19/26              | 2         |
| 70.418.1000 | 1000        | 0.8            | 24/29              | 2         |
| 70.418.2000 | 2000        | 1.2            | 29/32              | 1         |

# Supertek standard

\* upto 20ml sizes are of trapezoidal shape



### Flask Volumetric Amber, With Interchangeable Glass and Super Stopper™, Class B

- Calibrated at 27°C
- In Compliance to Class B ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Amber color helps in reducing UV light penetration

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 71.418.0001 | 1*          | 0.05           | 7/16               | 6         |
| 71.418.0002 | 2*          | 0.05           | 7/16               | 6         |
| 71.418.0005 | 5*          | 0.05           | 10/19 <sup>a</sup> | 2         |
| 71.418.0010 | 10*         | 0.05           | 10/19 <sup>a</sup> | 2         |
| 71.418.0020 | 20*         | 0.08           | 10/19              | 2         |
| 71.418.0025 | 25          | 0.08           | 10/19              | 2         |
| 71.418.0050 | 50          | 0.12           | 12/21              | 2         |
| 71.418.0100 | 100         | 0.2            | 14/23              | 2         |
| 71.418.0200 | 200         | 0.3            | 14/23              | 2         |
| 71.418.0250 | 250         | 0.3            | 14/23              | 2         |
| 71.418.0500 | 500         | 0.5            | 19/26              | 2         |
| 71.418.1000 | 1000        | 0.8            | 24/29              | 2         |
| 71.418.2000 | 2000        | 1.2            | 29/32              | 1         |

# Supertek standard

\* upto 20ml sizes are of trapezoidal shape



### Flask Volumetric Amber, With Interchangeable Glass and Super Stopper™, Class A With Individual Works Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Amber color helps in reducing UV light penetration
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 75.418.0001 | 1*          | 0.025          | 7/16               | 6         |
| 75.418.0002 | 2*          | 0.025          | 7/16               | 6         |
| 75.418.0005 | 5           | 0.025          | 10/19 <sup>†</sup> | 2         |
| 75.418.0010 | 10          | 0.025          | 10/19 <sup>†</sup> | 2         |
| 75.418.0015 | 15          | 0.025          | 10/19              | 2         |
| 75.418.0020 | 20          | 0.04           | 10/19              | 2         |
| 75.418.0025 | 25          | 0.04           | 10/19              | 2         |
| 75.418.0030 | 30          | 0.04           | 10/19              | 2         |
| 75.418.0050 | 50          | 0.06           | 12/21              | 2         |
| 75.418.0075 | 75          | 0.06           | 12/21              | 2         |
| 75.418.0100 | 100         | 0.1            | 14/23              | 2         |
| 75.418.0150 | 150         | 0.1            | 14/23              | 2         |
| 75.418.0200 | 200         | 0.15           | 14/23              | 2         |
| 75.418.0250 | 250         | 0.15           | 14/23              | 2         |
| 75.418.0300 | 300         | 0.15           | 14/23              | 2         |
| 75.418.0500 | 500         | 0.25           | 19/26              | 2         |
| 75.418.1000 | 1000        | 0.4            | 24/29              | 2         |
| 75.418.2000 | 2000        | 0.6            | 29/32              | 1         |
| 75.418.5000 | 5000**      | 1.2            | 34/35              | 1         |

# Supertek standard

\* upto 20ml sizes are of trapezoidal shape

\*\* with interchangeable glass and PP stopper

### Flask Volumetric Amber, With Interchangeable Glass and Super Stopper™, Class A With NABL Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Amber color helps in reducing UV light penetration
- NABL Certificate is supplied with each unit



| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 73.418.0005 | 5           | 0.025          | 10/19 <sup>†</sup> | 1         |
| 73.418.0010 | 10          | 0.025          | 10/19 <sup>†</sup> | 1         |
| 73.418.0020 | 20          | 0.04           | 10/19              | 1         |
| 73.418.0025 | 25          | 0.04           | 10/19              | 1         |
| 73.418.0050 | 50          | 0.06           | 12/21              | 1         |
| 73.418.0100 | 100         | 0.1            | 14/23              | 1         |
| 73.418.0200 | 200         | 0.15           | 14/23              | 1         |
| 73.418.0250 | 250         | 0.15           | 14/23              | 1         |
| 73.418.0500 | 500         | 0.25           | 19/26              | 1         |
| 73.418.1000 | 1000        | 0.4            | 24/29              | 1         |
| 73.418.2000 | 2000        | 0.6            | 29/32              | 1         |

# Supertek standard

\* upto 20ml sizes are of trapezoidal shape





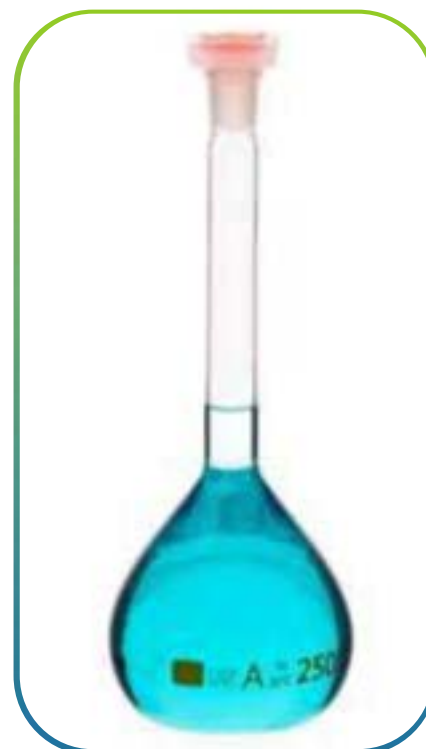
### Flask Volumetric, With Interchangeable Glass and Super Stopper™, Class A With USP (US PHARMACOPEIA) Certificate

- Calibrated at 20°C
- Accuracy as per ASTM E 288-03 Standard
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each Individual certified unit & same is available on our website



| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 50.419.0005 | 5*          | 0.02           | 10/19        | 2         |
| 50.419.0010 | 10*         | 0.02           | 10/19        | 2         |
| 50.419.0025 | 25          | 0.03           | 10/19        | 2         |
| 50.419.0050 | 50          | 0.05           | 12/21        | 2         |
| 50.419.0100 | 100         | 0.08           | 14/23        | 2         |
| 50.419.0200 | 200         | 0.1            | 14/23        | 2         |
| 50.419.0250 | 250         | 0.12           | 14/23        | 2         |
| 50.419.0500 | 500         | 0.15           | 19/26        | 2         |
| 50.419.1000 | 1000        | 0.3            | 24/29        | 2         |
| 50.419.2000 | 2000        | 0.5            | 29/32        | 1         |
| 50.419.5000 | 5000        | 1.25           | 34/35        | 1         |

\* upto 20ml sizes are of trapezoidal shape



Flasks

### Flask Volumetric Amber, With Interchangeable Glass and Super Stopper™, Class A With USP (US PHARMACOPEIA) Certificate

- Calibrated at 20°C
- Accuracy as per ASTM E 288-03 Standard
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Amber color helps in reducing UV light penetration
- A calibration certificate is provided with each Individual certified unit & same is available on our website



| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 74.419.0005 | 5*          | 0.02           | 10/19        | 2         |
| 74.419.0010 | 10*         | 0.02           | 10/19        | 2         |
| 74.419.0025 | 25          | 0.03           | 10/19        | 2         |
| 74.419.0050 | 50          | 0.05           | 12/21        | 2         |
| 74.419.0100 | 100         | 0.08           | 14/23        | 2         |
| 74.419.0200 | 200         | 0.1            | 14/23        | 2         |
| 74.419.0250 | 250         | 0.12           | 14/23        | 2         |
| 74.419.0500 | 500         | 0.15           | 19/26        | 2         |
| 74.419.1000 | 1000        | 0.3            | 24/29        | 2         |
| 74.419.2000 | 2000        | 0.5            | 29/32        | 1         |

\* upto 20ml sizes are of trapezoidal shape



Volumetric Glassware

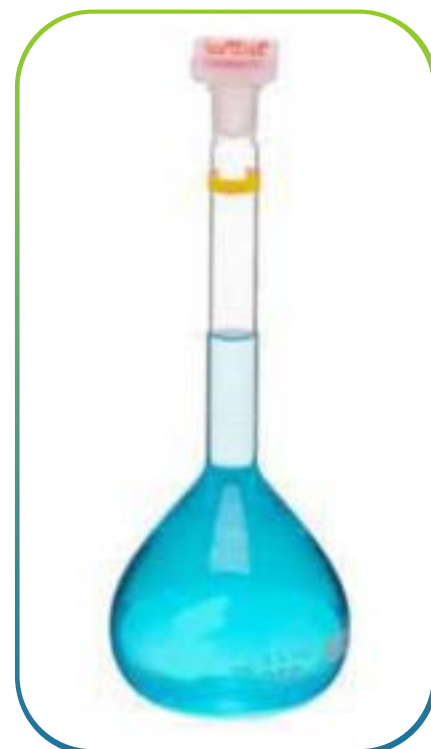
### Flask Volumetric, Color Coded, With Interchangeable Glass and Super Stopper™, Class A With Individual Works Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Color Coded for easy identification
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size       | Pack Size |
|-------------|-------------|----------------|--------------------|-----------|
| 77.417.0005 | 5*          | 0.025          | 10/19 <sup>f</sup> | 2         |
| 77.417.0010 | 10*         | 0.025          | 10/19 <sup>f</sup> | 2         |
| 77.417.0020 | 20*         | 0.04           | 10/19              | 2         |
| 77.417.0025 | 25          | 0.04           | 10/19              | 2         |
| 77.417.0050 | 50          | 0.06           | 12/21              | 2         |
| 77.417.0100 | 100         | 0.1            | 14/23              | 2         |
| 77.417.0200 | 200         | 0.15           | 14/23              | 2         |
| 77.417.0250 | 250         | 0.15           | 14/23              | 2         |
| 77.417.0500 | 500         | 0.25           | 19/26              | 2         |
| 77.417.1000 | 1000        | 0.4            | 24/29              | 2         |
| 77.417.2000 | 2000        | 0.6            | 29/32              | 1         |

# Supertek standard

\* upto 20ml sizes are of trapezoidal shape



### Flask Volumetric Amber, With Special White Mark, Interchangeable Glass and Super Stopper™, Class A With Individual Works Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Amber color helps in reducing UV light penetration
- Triangular white mark provided for easy identification
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 75.417.0050 | 50          | 0.06           | 12/21        | 2         |
| 75.417.0100 | 100         | 0.1            | 14/23        | 2         |
| 75.417.0200 | 200         | 0.15           | 14/23        | 2         |
| 75.417.0250 | 250         | 0.15           | 14/23        | 2         |

# Supertek standard



### Flask Volumetric, Wide Mouth With Interchangeable Glass and Super Stopper™ Class 'A' With Individual Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Designed with wide mouth for testing bigger tablet without making it in powder form
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 77.439.0020 | 20*         | 0.06           | 12/21        | 2         |
| 77.439.0025 | 25          | 0.06           | 12/21        | 2         |
| 77.439.0050 | 50          | 0.1            | 14/23        | 2         |
| 77.439.0100 | 100*        | 0.15           | 19/26        | 2         |
| 77.439.0200 | 200*        | 0.2            | 19/26        | 2         |
| 77.439.0250 | 250*        | 0.2            | 19/26        | 2         |
| 77.439.0500 | 500         | 0.4            | 24/29        | 2         |
| 77.439.1000 | 1000        | 0.6            | 29/32        | 2         |

# Not in ISO / IS standards

\* upto 20ml sizes are of trapezoidal shape

### Amber Colour Flask Volumetric, Wide Mouth With Interchangeable Glass and Super Stopper™ Class 'A' With Individual certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Designed with wide mouth for testing bigger tablet without making it in powder form
- Amber color helps in reducing UV light penetration
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 75.439.0020 | 20*         | 0.06           | 12/21        | 2         |
| 75.439.0025 | 25          | 0.06           | 12/21        | 2         |
| 75.439.0050 | 50          | 0.1            | 14/23        | 2         |
| 75.439.0100 | 100*        | 0.15           | 19/26        | 2         |
| 75.439.0200 | 200*        | 0.2            | 19/26        | 2         |
| 75.439.0250 | 250*        | 0.2            | 19/26        | 2         |
| 75.439.0500 | 500         | 0.4            | 24/29        | 2         |
| 75.439.1000 | 1000        | 0.6            | 29/32        | 2         |

# Not in ISO / IS standards

\* upto 20ml sizes are of trapezoidal shape

### Flask Volumetric, Wide Mouth With Interchangeable Glass and Super Stopper™ Class 'A' With USP Certificate

- Calibrated at 20°C
- Accuracy as per ASTM E 288-03 Standard
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each Individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 50.439.0020 | 20*         | 0.03           | 12/21        | 2         |
| 50.439.0025 | 25          | 0.03           | 12/21        | 2         |
| 50.439.0050 | 50          | 0.05           | 14/23        | 2         |
| 50.439.0100 | 100         | 0.08           | 19/26        | 2         |
| 50.439.0200 | 200         | 0.1            | 19/26        | 2         |
| 50.439.0250 | 250         | 0.12           | 19/26        | 2         |
| 50.439.1000 | 1000        | 0.3            | 29/32        | 2         |

\* upto 20ml sizes are of trapezoidal shape

Wide  
Mouth





### Amber Flask Volumetric, Wide Mouth With Interchangeable Glass and Super Stopper™ Class 'A' With USP Certificate



- Calibrated at 20°C
- Accuracy as per ASTM E 288-03 Standard
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|-------------|-------------|----------------|--------------|-----------|
| 74.439.0020 | 20*         | 0.03           | 12/21        | 2         |
| 74.439.0025 | 25          | 0.03           | 12/21        | 2         |
| 74.439.0050 | 50          | 0.05           | 14/23        | 2         |
| 74.439.0100 | 100         | 0.08           | 19/26        | 2         |
| 74.439.0200 | 200         | 0.1            | 19/26        | 2         |
| 74.439.0250 | 250         | 0.12           | 19/26        | 2         |
| 74.439.1000 | 1000        | 0.3            | 29/32        | 2         |

\* upto 20ml sizes are of trapezoidal shape

New



### Volumetric Flask-ASTM, Wide Mouth Heavy Duty, With Glass Stopper, Class A with Individual Works Certificate

- Calibrated at 20°C
- Complies with ASTM E 288 specifications
- Calibrated to contain (TC, IN)
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.      | Capacity ml | Tolerance ± ml | Stopper Size | Pack Size |
|--------------|-------------|----------------|--------------|-----------|
| 46.424.0005  | 5           | 0.02           | 13           | 1         |
| 46.424.0010  | 10          | 0.02           | 13           | 1         |
| 46.424.0020  | 20          | 0.04           | 13           | 1         |
| 46.424.0025  | 25          | 0.03           | 13           | 1         |
| 46.424.0030  | 30          | 0.03           | 13           | 1         |
| 46.424.0050A | 50          | 0.05           | 13           | 1         |
| 46.424.0050B | 50          | 0.05           | 19           | 1         |
| 46.424.0100  | 100         | 0.08           | 16           | 1         |
| 46.424.0150  | 150         | 0.08           | 16           | 1         |
| 46.424.0200  | 200         | 0.1            | 19           | 1         |
| 46.424.0250  | 250         | 0.12           | 19           | 1         |
| 46.424.0300  | 300         | 0.12           | 19           | 1         |
| 46.424.0400  | 400         | 0.2            | 19           | 1         |
| 46.424.0500  | 500         | 0.2            | 19           | 1         |
| 46.424.0750  | 750         | 0.2            | 22           | 1         |
| 46.424.0900  | 900         | 0.3            | 22           | 1         |
| 46.424.1000  | 1000        | 0.3            | 22           | 1         |
| 46.424.1500  | 1500        | 0.3            | 27           | 1         |
| 46.424.2000  | 2000        | 0.5            | 27           | 1         |
| 46.424.4000  | 4000        | 1              | 38           | 1         |



### Volumetric Flask-ASTM Amber, Wide Mouth Heavy Duty, With Glass Stopper, Class A with Individual Works Certificate

- Calibrated at 20°C
- Complies with ASTM E 288 specifications
- Calibrated to contain (TC, IN)
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Printed in white color
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|--------------------|--------------|-----------|
| 46.434.0005 | 5           | 0.02               | 13           | 1         |
| 46.434.0010 | 10          | 0.02               | 13           | 1         |
| 46.434.0020 | 20          | 0.04               | 13           | 1         |
| 46.434.0025 | 25          | 0.03               | 13           | 1         |
| 46.434.0050 | 50          | 0.05               | 13           | 1         |
| 46.434.0100 | 100         | 0.08               | 16           | 1         |
| 46.434.0200 | 200         | 0.1                | 19           | 1         |
| 46.434.0250 | 250         | 0.12               | 19           | 1         |
| 46.434.0400 | 400         | 0.2                | 19           | 1         |
| 46.434.0500 | 500         | 0.2                | 19           | 1         |
| 46.434.0700 | 750         | 0.2                | 22           | 1         |
| 46.434.0900 | 900         | 0.3                | 22           | 1         |
| 46.434.1000 | 1000        | 0.3                | 22           | 1         |
| 46.434.2000 | 2000        | 0.5                | 27           | 1         |



### Volumetric Flask-ASTM, Narrow Mouth With Glass Stopper Class A with Individual Works Certificate

- Calibrated at 20°C
- Complies with ASTM E 288 specifications
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|--------------------|--------------|-----------|
| 46.403.0015 | 5           | 0.02               | 9            | 6         |
| 46.403.0025 | 10          | 0.02               | 9            | 6         |
| 46.403.0035 | 20          | 0.03               | 9            | 2         |
| 46.403.0045 | 25          | 0.03               | 9            | 2         |
| 46.403.0055 | 50          | 0.05               | 9            | 2         |
| 46.403.0065 | 100         | 0.08               | 13           | 2         |
| 46.403.0075 | 200         | 0.10               | 16           | 2         |
| 46.403.0085 | 250         | 0.12               | 16           | 2         |
| 46.403.0095 | 500         | 0.20               | 19           | 2         |
| 46.403.0100 | 1000        | 0.30               | 22           | 2         |
| 46.403.0105 | 2000        | 0.50               | 27           | 1         |

New



### Amber Volumetric Flask-ASTM, Narrow Mouth With Glass Stopper Class A with Individual Works Certificate

- Calibrated at 20°C
- Complies with ASTM E 288 specifications
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each individual certified unit & same is available on our website



| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|--------------------|--------------|-----------|
| 46.412.0015 | 5           | 0.02               | 9            | 6         |
| 46.412.0025 | 10          | 0.02               | 9            | 6         |
| 46.412.0035 | 20          | 0.03               | 9            | 2         |
| 46.412.0045 | 25          | 0.03               | 9            | 2         |
| 46.412.0055 | 50          | 0.05               | 9            | 2         |
| 46.412.0065 | 100         | 0.08               | 13           | 2         |
| 46.412.0075 | 200         | 0.10               | 16           | 2         |
| 46.412.0085 | 250         | 0.12               | 16           | 2         |
| 46.412.0095 | 500         | 0.20               | 19           | 2         |
| 46.412.0100 | 1000        | 0.30               | 22           | 2         |
| 46.412.0105 | 2000        | 0.50               | 27           | 1         |

New





### Flask Volumetric, With Interchangeable Glass and PP Stopper, Short Neck Class A with Individual Works Certificate

- Calibrated at 27°C
- In Compliance to Class A ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each individual certified product & same is available on our website

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|--------------------|--------------|-----------|
| 77.415.0010 | 10**        | 0.025              | 10/15        | 2         |
| 77.415.0020 | 20**        | 0.04               | 10/15        | 2         |
| 77.415.0025 | 25          | 0.04               | 10/15        | 2         |
| 77.415.0050 | 50          | 0.06               | 10/15        | 2         |
| 77.415.0100 | 100         | 0.1                | 14/15        | 2         |
| 77.415.0250 | 250         | 0.15               | 14/15        | 2         |
| 77.415.1000 | 1000        | 0.4                | 19/20        | 2         |

\*\* 10 ml & 20 ml is supplied with trapezoidal shape for better stability



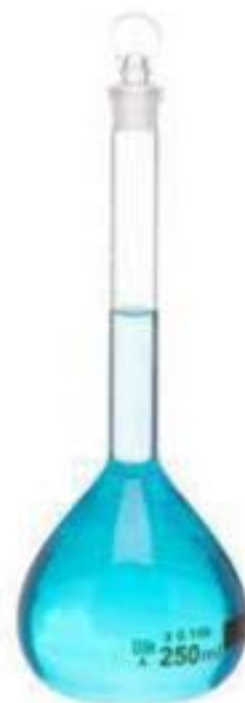
### Flask Volumetric, With Interchangeable Glass and PP Stopper, Short Neck, Class B

- Calibrated at 27°C
- In Compliance to Class B ISO 1042 / IS 915
- Manufactured from 3.3 borosilicate glass for corrosion-free performance

| Cat No.     | Capacity ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|--------------------|--------------|-----------|
| 70.415.0005 | 5**         | 0.05               | 10/15        | 2         |
| 70.415.0010 | 10**        | 0.05               | 10/15        | 2         |
| 70.415.0500 | 500         | 0.5                | 19/20        | 2         |
| 70.415.1000 | 1000        | 0.8                | 19/20        | 2         |

\*\* 5 ml & 10 ml is supplied with trapezoidal shape for better stability

Short Neck



Short Neck Flasks Available Till Stock Lasts

### Flasks Volumetric Sugar Estimation With Two Marks Without Stopper, Class 'A' of B.S 675:1953

- Calibrated at 27°C
- In Compliance to Class A BS 675
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- A calibration certificate is provided with each individual certified unit

| Cat No.     | Capacity ml         | Pack Size |
|-------------|---------------------|-----------|
| 77.440.0100 | 100 ml. and 110 ml. | 2         |

### Flasks Volumetric Sugar Estimation With Two Marks Without Stopper, Class 'B' of B.S. 675:1953

- Calibrated at 27°C
- Manufactured from 3.3 borosilicate glass for corrosion-free performance

| Cat No.     | Capacity ml         | Pack Size |
|-------------|---------------------|-----------|
| 70.440.0100 | 100 ml. and 110 ml. | 2         |



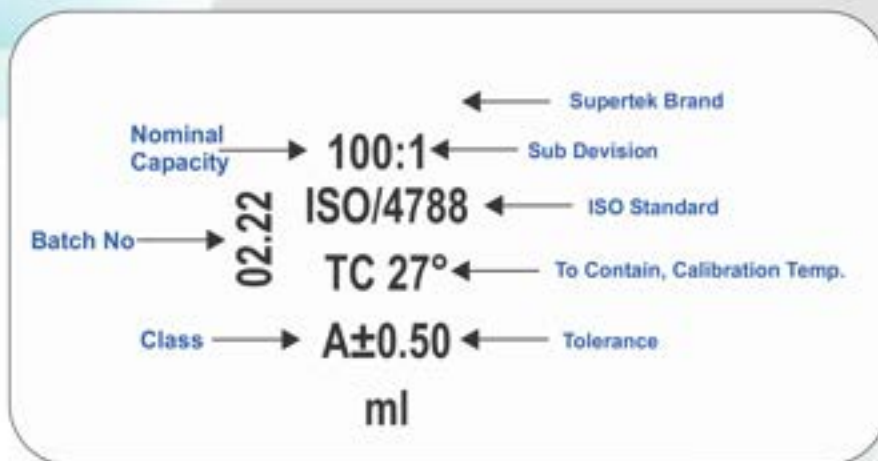
\* Actual Product Can be different from the image



# Measuring Cylinders

## Easy to Use - Highly Accurate

Offers Measuring Cylinders with high accuracy. It helps with measuring the volume of a liquid and is also called as Mixing Cylinder. Measuring Cylinders are also used to determine displacement, which is a measurement of the change in the volume of water when additional materials are added to it. This means that the volume of solid objects and solutions can be determined using a measuring cylinder. The large hexagonal base in the cylinder prevents it rolling off a laboratory bench.



| Our Printing Criteria |                |
|-----------------------|----------------|
| ISO Class A           | Amber printing |
| ISO Class B           | Amber printing |
| USP                   | Amber printing |
| Amber Glass           | White printing |



### Special features of certified glassware

- Conforming international specification ISO and ASTM
- Individually calibrated and certified ( A class only )
  - Multiple sizes & grades
  - Complete traceability

*Right mix of quality and efficiency*



### Measuring Cylinder, With Pour-out, Hexagonal Base, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.504.0005 | 5           | 0.1         | 0.05               | 2         |
| 77.504.0010 | 10          | 0.2         | 0.1                | 2         |
| 77.504.0025 | 25          | 0.5         | 0.25               | 2         |
| 77.504.0050 | 50          | 1           | 0.5                | 2         |
| 77.504.0100 | 100         | 1           | 0.5                | 2         |
| 77.504.0250 | 250         | 2           | 1                  | 2         |
| 77.504.0500 | 500         | 5           | 2.5                | 2         |
| 77.504.1000 | 1000        | 10          | 5                  | 1         |
| 77.504.2000 | 2000        | 20          | 10                 | 1         |

Best Seller



### Measuring Cylinder, With Pour-out, Hexagonal Base, Class A With NABL Certificate

- Calibrated at 27°C
- In compliance to Class A DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- NABL certificate is supplied with each unit



| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 72.504.0005 | 5           | 0.1         | 0.05               | 1         |
| 72.504.0010 | 10          | 0.2         | 0.1                | 1         |
| 72.504.0025 | 25          | 0.5         | 0.25               | 1         |
| 72.504.0050 | 50          | 1           | 0.5                | 1         |
| 72.504.0100 | 100         | 1           | 0.5                | 1         |
| 72.504.0250 | 250         | 2           | 1                  | 1         |
| 72.504.0500 | 500         | 5           | 2.5                | 1         |
| 72.504.1000 | 1000        | 10          | 5                  | 1         |
| 72.504.2000 | 2000        | 20          | 10                 | 1         |

### Measuring Cylinder, USP Standard With Pour-out & Hexagonal Glass Base, Class A With Individual Works Certificate

- Calibrated at 20°C
- In compliance to ASTM E 1272
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- A calibration certificate is provided with each individual certified unit & same is available on our website



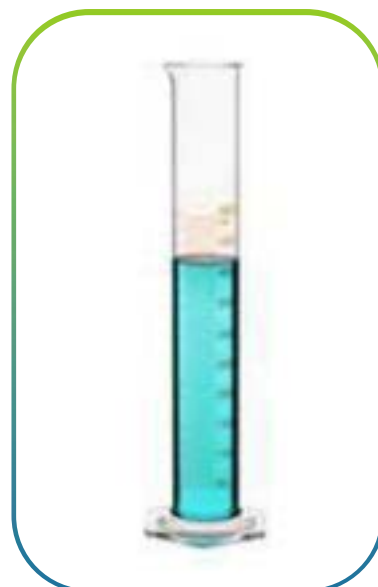
| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 50.522.0005 | 5           | 0.1         | 0.05               | 2         |
| 50.522.0010 | 10          | 0.2         | 0.1                | 2         |
| 50.522.0025 | 25          | 0.5         | 0.17               | 2         |
| 50.522.0050 | 50          | 1           | 0.25               | 2         |
| 50.522.0100 | 100         | 1           | 0.5                | 2         |
| 50.522.0250 | 250         | 2           | 1                  | 2         |
| 50.522.0500 | 500         | 5           | 2                  | 2         |
| 50.522.1000 | 1000        | 10          | 3                  | 1         |
| 50.522.2000 | 2000        | 20          | 6                  | 1         |



### Measuring Cylinder, With Pour-out, Hexagonal Base Class B

- Calibrated at 27°C
- In compliance to Class B DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.504.0005 | 5           | 0.1         | 0.1                | 2         |
| 70.504.0010 | 10          | 0.2         | 0.2                | 2         |
| 70.504.0025 | 25          | 0.5         | 0.5                | 2         |
| 70.504.0050 | 50          | 1           | 1                  | 2         |
| 70.504.0100 | 100         | 1           | 1                  | 2         |
| 70.504.0250 | 250         | 2           | 2                  | 2         |
| 70.504.0500 | 500         | 5           | 5                  | 2         |
| 70.504.1000 | 1000        | 10          | 10                 | 1         |
| 70.504.2000 | 2000        | 20          | 20                 | 1         |



### Amber Colour Measuring Cylinders, With Spout, Hexagonal Base, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class 'A' DIN ISO 4788/IS 878 Standard
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Amber color is applied to reduce UV light Penetration
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 75.504.0010 | 10          | 0.2         | 0.1                | 2         |
| 75.504.0025 | 25          | 0.5         | 0.25               | 2         |
| 75.504.0050 | 50          | 1           | 0.5                | 2         |
| 75.504.0100 | 100         | 1           | 0.5                | 2         |
| 75.504.0250 | 250         | 2           | 1                  | 2         |



### Measuring Cylinder, With Pour-out & Round Base, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.502.0005 | 5           | 0.1         | 0.05               | 2         |
| 77.502.0010 | 10          | 0.2         | 0.1                | 2         |
| 77.502.0025 | 25          | 0.5         | 0.25               | 2         |
| 77.502.0050 | 50          | 1           | 0.5                | 2         |
| 77.502.0100 | 100         | 1           | 0.5                | 2         |
| 77.502.0250 | 250         | 2           | 1                  | 2         |
| 77.502.0500 | 500         | 5           | 2.5                | 2         |
| 77.502.1000 | 1000        | 10          | 5                  | 2         |
| 77.502.2000 | 2000        | 20          | 10                 | 1         |

### Measuring Cylinder, With Pour-out & Round Base, Class B

- Calibrated at 27°C
- In compliance to Class B DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.502.0005 | 5           | 0.1         | 0.1                | 2         |
| 70.502.0010 | 10          | 0.2         | 0.2                | 2         |
| 70.502.0025 | 25          | 0.5         | 0.5                | 2         |
| 70.502.0050 | 50          | 1           | 1                  | 2         |
| 70.502.0100 | 100         | 1           | 1                  | 2         |
| 70.502.0250 | 250         | 2           | 2                  | 2         |
| 70.502.0500 | 500         | 5           | 5                  | 2         |
| 70.502.1000 | 1000        | 10          | 10                 | 2         |
| 70.502.2000 | 2000        | 20          | 20                 | 1         |

### Measuring Cylinders, With Interchangeable Stopper, Hexagonal Base, Class A, With Individual Works Certificate.

- Calibrated at 27°C
- In compliance to Class A DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- A calibration certificate is provided with each individual certified unit & same is available on our website

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.507.0005 | 5           | 0.1         | 0.05               | 2         |
| 77.507.0010 | 10          | 0.2         | 0.1                | 2         |
| 77.507.0025 | 25          | 0.5         | 0.25               | 2         |
| 77.507.0050 | 50          | 1           | 0.5                | 2         |
| 77.507.0100 | 100         | 1           | 0.5                | 2         |
| 77.507.0250 | 250         | 2           | 1                  | 2         |
| 77.507.0500 | 500         | 5           | 2.5                | 2         |
| 77.507.1000 | 1000        | 10          | 5                  | 1         |
| 77.507.2000 | 2000        | 20          | 10                 | 1         |



### Measuring Cylinders, With Interchangeable Stopper, Hexagonal Base, Class B

- Calibrated at 27°C
- In compliance to Class B DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 70.507.0005 | 5           | 0.1         | 0.1                | 2         |
| 70.507.0010 | 10          | 0.2         | 0.2                | 2         |
| 70.507.0025 | 25          | 0.5         | 0.5                | 2         |
| 70.507.0050 | 50          | 1           | 1                  | 2         |
| 70.507.0100 | 100         | 1           | 1                  | 2         |
| 70.507.0250 | 250         | 2           | 2                  | 2         |
| 70.507.0500 | 500         | 5           | 5                  | 2         |
| 70.507.1000 | 1000        | 10          | 10                 | 1         |
| 70.507.2000 | 2000        | 20          | 20                 | 1         |



### Measuring Cylinder Round Base, With Interchangeable Glass Stopper, Class A With Individual Works Certificate

- Calibrated at 27°C
- In compliance to Class A DIN ISO 4788/IS 878 Standard
- Graduations in Amber enamel

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|-------------|--------------------|--------------|-----------|
| 77.506.0010 | 10          | 0.2         | 0.1                | 10/19        | 2         |
| 77.506.0025 | 25          | 0.5         | 0.25               | 14/23        | 2         |
| 77.506.0050 | 50          | 1           | 0.5                | 14/23        | 2         |
| 77.506.0100 | 100         | 1           | 0.5                | 19/26        | 2         |
| 77.506.0250 | 250         | 2           | 1                  | 24/29        | 2         |



### Measuring Cylinder Round Base, With interchangeable Glass Stopper, Class B

- Calibrated at 27°C
- In compliance to Class B DIN ISO 4788/IS 878 Standard
- Graduations in amber enamel

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|-------------|--------------------|--------------|-----------|
| 70.506.0005 | 5           | 0.1         | 0.1                | 10/19        | 2         |
| 70.506.0010 | 10          | 0.2         | 0.2                | 10/19        | 2         |
| 70.506.0025 | 25          | 0.5         | 0.5                | 14/23        | 2         |
| 70.506.0050 | 50          | 1           | 1                  | 14/23        | 2         |
| 70.506.0100 | 100         | 1           | 1                  | 19/26        | 2         |
| 70.506.0250 | 250         | 2           | 2                  | 24/29        | 2         |
| 70.506.0500 | 500         | 5           | 5                  | 24/29        | 2         |
| 70.506.1000 | 1000        | 10          | 10                 | 29/32        | 2         |





## Nessler Cylinder In Compliance With IS 4161:1967 For Colour Comparison

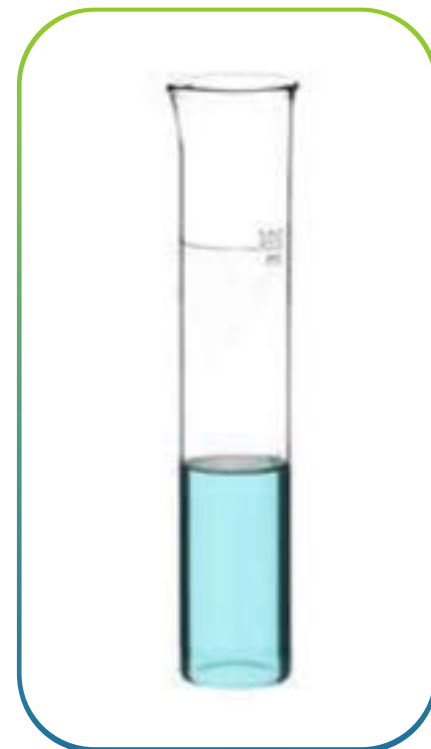
| Cat No.     | Capacity ml | Sub-div. ml | Pack Size |
|-------------|-------------|-------------|-----------|
| 70.508.0050 | 50          | 25 & 50     | 2         |
| 70.508.0100 | 100         | 50 & 100    | 2         |

## Nessler Cylinder, In Compliance With IS 4161:1967 For Colour Comparison, Class 'A' With Individual Works Certificate

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Pack Size |
|-------------|-------------|-------------|--------------------|-----------|
| 77.508.0050 | 50          | 25 & 50     | 0.4                | 2         |
| 77.508.0100 | 100         | 50 & 100    | 0.8                | 2         |

## Nessler Cylinder, For Colour Comparison, With Interchangeable Stopper, Graduated as per IS 4161 : 1967, Class 'A' With Individual Works Certificate

| Cat No.     | Capacity ml | Sub-div. ml | Tolerance $\pm$ ml | Stopper Size | Pack Size |
|-------------|-------------|-------------|--------------------|--------------|-----------|
| 77.515.0050 | 50          | 25 to 50    | 0.4                | 13/26        | 2         |
| 77.515.0100 | 100         | 50 & 100    | 0.8                | 13/26        | 2         |



## Cones, Imhoff, Sediment, Sharp Tip, Graduated From 0 To 1 ml in 0.1 ml. Division, 1 to 10 ml. In 0.5 ml. and 10 to 40 ml. In 1 ml. Also Marked At 1000 ml. Approx. Total Height 454 Mm., Approx. Top Dia 100 mm

| Cat No.     | Pack Size |
|-------------|-----------|
| 79.527.0010 | 1         |

## Cones, Imhoff, Sediment, Blunt Tip, Graduated From 0 To 1 ml in 0.1 ml. Division, 1 To 10 ml. In 0.5 ml. And 10 To 40 ml in 1 ml., Approx. Top Dia 100 mm.

| Cat No.     | Pack Size |
|-------------|-----------|
| 79.527.0020 | 1         |

## Stand For Cones, Imhoff

| Cat No.     | Pack Size |
|-------------|-----------|
| 79.527.0030 | 1         |



## Interchangeable Glassware



# Interchangeable Glassware

## Socket Single, Medium Length

• Conformity to ISO 383/DIN 12249 Standards

| Cat No.       | Socket Size | Approx. o.d. of tube, mm | Total length, mm | Pack Size |
|---------------|-------------|--------------------------|------------------|-----------|
| 14.101.0005   | 7/16        | 10                       | 120±10           | 12        |
| 14.101.0010   | 10/19       | 13                       | 120±10           | 12        |
| 14.101.0015   | 12/21       | 16                       | 120±10           | 12        |
| 14.101.0020   | 14/23       | 18                       | 120±10           | 12        |
| 14.101.0025   | 19/26       | 22                       | 120±15           | 12        |
| 14.101.0030   | 24/29       | 28                       | 120±15           | 12        |
| 14.101.0035   | 29/32       | 32                       | 120±15           | 12        |
| 14.101.0040   | 34/35       | 38                       | 120±15           | 12        |
| 14.101.0045 * | 40/38       | 45                       | 120±15           | 12        |
| 14.101.0050   | 45/40       | 50                       | 120±15           | 12        |
| 14.101.0055 * | 50/42       | 55                       | 120±15           | 12        |
| 14.101.0060 * | 55/44       | 60                       | 120±15           | 12        |

\*Non DIN size

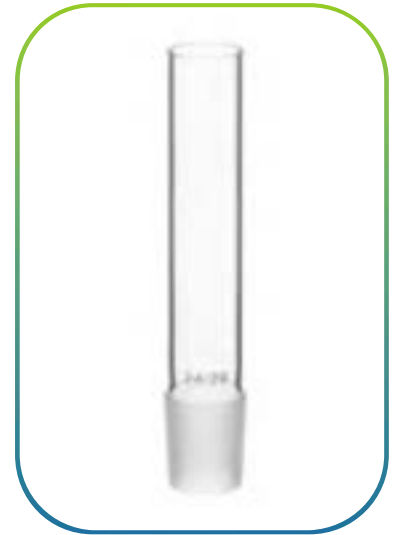


## Cone Single, Medium Length

• Conformity to ISO 383/DIN 12249 Standards

| Cat No.       | Cone Size | Approx. o.d. of tube, mm | Total length, mm | Pack Size |
|---------------|-----------|--------------------------|------------------|-----------|
| 14.104.0005   | 7/16      | 6                        | 120±10           | 12        |
| 14.104.0010   | 10/19     | 8                        | 120±10           | 12        |
| 14.104.0015   | 12/21     | 9                        | 120±10           | 12        |
| 14.104.0020   | 14/23     | 13                       | 120±10           | 12        |
| 14.104.0025   | 19/26     | 16                       | 120±15           | 12        |
| 14.104.0030   | 24/29     | 22                       | 120±15           | 12        |
| 14.104.0035   | 29/32     | 26                       | 120±15           | 12        |
| 14.104.0040   | 34/35     | 30                       | 120±15           | 12        |
| 14.104.0045 * | 40/38     | 36                       | 120±15           | 12        |
| 14.104.0050   | 45/40     | 40                       | 120±15           | 12        |
| 14.104.0055 * | 50/42     | 45                       | 120±15           | 12        |
| 14.104.0060 * | 55/44     | 50                       | 120±15           | 12        |

\*Non DIN size



## Socket, Double (One At Each End)

• Conformity to ISO 383/DIN 12249 Standards

| Cat No.       | Socket Size | Approx. o.d. of tube, mm | Total length, mm | Pack Size |
|---------------|-------------|--------------------------|------------------|-----------|
| 14.120.0005 * | 7/16        | 11                       | 135±2            | 12        |
| 14.120.0010 * | 10/19       | 14                       | 135±2            | 12        |
| 14.120.0015   | 14/23       | 18                       | 135±2            | 12        |
| 14.120.0020   | 19/26       | 22                       | 140±2            | 12        |
| 14.120.0025   | 24/29       | 28                       | 170±5            | 12        |
| 14.120.0030   | 29/32       | 32                       | 170±5            | 12        |
| 14.120.0040   | 34/35       | 38                       | 180±5            | 12        |

\*Non DIN size



### Cone, Double (One At Each End)

- Conformity to ISO 383/DIN 12249 Standards

| Cat No.       | Cone Size | Approx. o.d. of tube, mm | Total length, mm | Pack Size |
|---------------|-----------|--------------------------|------------------|-----------|
| 14.124.0005 * | 10/19     | 8                        | 90±5             | 12        |
| 14.124.0010   | 14/23     | 13                       | 90±5             | 12        |
| 14.124.0015   | 19/26     | 16                       | 90±5             | 12        |
| 14.124.0020   | 24/29     | 22                       | 110±10           | 12        |
| 14.124.0025   | 29/32     | 26                       | 110±10           | 12        |
| 14.124.0030   | 34/35     | 30                       | 120±10           | 12        |

\*Non DIN size



### Spherical Joint, Ball

- Conformity to DIN 12264 Standards

| Cat No.     | Cup Joint male | Min Shank length, mm | Pack Size |
|-------------|----------------|----------------------|-----------|
| 14.128.0010 | S13            | 100                  | 12        |
| 14.128.0015 | S19            | 100                  | 12        |
| 14.128.0020 | S29            | 100                  | 12        |
| 14.128.0025 | S35            | 100                  | 12        |
| 14.128.0030 | S41            | 100                  | 12        |

### Spherical Joint, Cup

- Conformity DIN 12264 Standards

| Cat No.     | Cup Joint male | Min Shank length, mm | Pack Size |
|-------------|----------------|----------------------|-----------|
| 14.132.0010 | S13            | 100                  | 12        |
| 14.132.0015 | S19            | 100                  | 12        |
| 14.132.0020 | S29            | 100                  | 12        |
| 14.132.0025 | S35            | 100                  | 12        |
| 14.132.0030 | S41            | 100                  | 12        |



DIN  
12264



### Joint Clip, Metal

- Manufactured from corrosion resistant stainless steel metal
- Used for retaining of spherical joints

| Cat No.     | To Fit Spherical Joint Size | Pack Size |
|-------------|-----------------------------|-----------|
| 14.136.0005 | S13                         | 10        |
| 14.136.0010 | S19                         | 10        |
| 14.136.0015 | S29                         | 10        |
| 14.136.0020 | S35                         | 10        |
| 14.136.0025 | S41                         | 10        |



### Joint Clip, PP

- Autoclavable

| Cat No.     | To Fit Conica Joint Size | Pack Size |
|-------------|--------------------------|-----------|
| 14.140.0005 | 14/23                    | 50        |
| 14.140.0010 | 19/26                    | 50        |
| 14.140.0015 | 24/29                    | 50        |
| 14.140.0020 | 29/32                    | 50        |
| 14.140.0025 | 34/35                    | 50        |



### Stopper, Hollow, Hexagonal Head

- Conformity to DIN 12252 Standard

| Cat No.     | Cone Size | Pack Size |
|-------------|-----------|-----------|
| 14.201.0005 | 10/19     | 12        |
| 14.201.0010 | 12/21     | 12        |
| 14.201.0015 | 14/23     | 12        |
| 14.201.0020 | 19/26     | 12        |
| 14.201.0025 | 24/29     | 12        |
| 14.201.0030 | 29/32     | 12        |
| 14.201.0035 | 34/35     | 12        |



### Stopper, Glass, Amber Hollow, Hexagonal Head

• Conformity to DIN 12252 Standards

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.203.0005 | 10/19 | 20        |
| 14.203.0010 | 12/21 | 20        |
| 14.203.0015 | 14/23 | 20        |
| 14.203.0020 | 19/26 | 20        |
| 14.203.0025 | 24/29 | 10        |
| 14.203.0030 | 29/32 | 10        |
| 14.203.0035 | 34/35 | 10        |

### Stopper, Solid, Penny Head-Long Neck Flasks

| Cat No.       | Flask Capacity  | Cone  | Pack Size |
|---------------|-----------------|-------|-----------|
| 14.204.0005   | Upto 25 ml      | 10/19 | 12        |
| 14.204.0006   | 50 ml           | 12/21 | 12        |
| 14.204.0010   | 100, 200,250 ml | 14/23 | 12        |
| 14.204.0015   | 500 ml          | 19/26 | 12        |
| 14.204.0020   | 1000 ml         | 24/29 | 12        |
| 14.204.0025 * | 2000 ml         | 29/32 | 12        |
| 14.204.0030 * | 5000 ml         | 34/35 | 12        |



### Stopper, Amber, Solid, Penny Head-Long Neck Flasks

| Cat No.       | Flask Capacity  | Cone  | Pack Size |
|---------------|-----------------|-------|-----------|
| 14.207.0005   | Upto 25 ml      | 10/19 | 12        |
| 14.207.0006   | 50 ml           | 12/21 | 12        |
| 14.207.0010   | 100, 200,250 ml | 14/23 | 12        |
| 14.207.0015   | 500 ml          | 19/26 | 12        |
| 14.207.0020   | 1000 ml         | 24/29 | 12        |
| 14.207.0025 * | 2000 ml         | 29/32 | 12        |
| 14.207.0030 * | 5000 ml         | 34/35 | 12        |

## Stopper, Solid, Flat Head For Reagent Bottles

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.205.0005 | 14/23 | 12        |
| 14.205.0010 | 19/26 | 12        |
| 14.205.0015 | 24/29 | 12        |
| 14.205.0020 | 29/32 | 12        |
| 14.205.0025 | 34/35 | 12        |

## Stopper, Amber, Solid, Flat Head For Reagent Bottles

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.212.0005 | 14/23 | 12        |
| 14.212.0010 | 19/26 | 12        |
| 14.212.0015 | 24/29 | 12        |
| 14.212.0020 | 29/32 | 12        |
| 14.212.0025 | 34/35 | 12        |



## Spare Stoppers for Long Neck Flask

• Conformity to DIN 12254 Standard

| Cat No.     | Flask Capacity   | Cone  | Pack Size |
|-------------|------------------|-------|-----------|
| 14.215.0005 | Upto 25 ml       | 10/19 | 20        |
| 14.215.0010 | 50 ml            | 12/21 | 20        |
| 14.215.0015 | 100, 200, 250 ml | 14/23 | 20        |
| 14.215.0020 | 500 ml           | 19/26 | 20        |
| 14.215.0025 | 1000 ml          | 24/29 | 10        |
| 14.215.0030 | 2000 ml          | 29/32 | 10        |



DIN  
12254

## Reduction Adapter

• Conformity to DIN 12257 Standard

| Cat No.       | Flask Capacity | Cone  | Pack Size |
|---------------|----------------|-------|-----------|
| 14.301.0005 * | 14/23          | 14/23 | 12        |
| 14.301.0010   | 14/23          | 19/26 | 12        |
| 14.301.0015 * | 14/23          | 24/29 | 12        |
| 14.301.0020   | 14/23          | 29/32 | 12        |
| 14.301.0025   | 19/26          | 24/29 | 12        |
| 14.301.0030   | 19/26          | 29/32 | 12        |
| 14.301.0035   | 19/26          | 34/35 | 12        |
| 14.301.0040   | 19/26          | 40/38 | 12        |
| 14.301.0045   | 19/26          | 45/40 | 12        |
| 14.301.0050   | 19/26          | 55/44 | 12        |
| 14.301.0055 * | 24/29          | 29/32 | 12        |
| 14.301.0060 * | 24/29          | 34/35 | 12        |
| 14.301.0065 * | 24/29          | 40/38 | 12        |
| 14.301.0070 * | 24/29          | 45/40 | 12        |
| 14.301.0075 * | 24/29          | 50/42 | 12        |
| 14.301.0080 * | 24/29          | 55/44 | 12        |
| 14.301.0085   | 29/32          | 34/35 | 12        |
| 14.301.0090   | 29/32          | 40/38 | 12        |
| 14.301.0095   | 29/32          | 45/40 | 12        |
| 14.301.0100 * | 34/35          | 40/38 | 12        |
| 14.301.0105 * | 34/35          | 45/40 | 12        |
| 14.301.0110 * | 34/35          | 50/42 | 12        |

\*Non DIN size



## Expansion Adapter

• Conformity to DIN 12257 Standard

| Cat No.       | Flask Capacity | Cone  | Pack Size |
|---------------|----------------|-------|-----------|
| 14.304.0005   | 19/26          | 14/23 | 12        |
| 14.304.0010 * | 24/29          | 14/23 | 12        |
| 14.304.0015 * | 24/29          | 19/26 | 12        |
| 14.304.0020   | 29/32          | 14/23 | 12        |
| 14.304.0025   | 29/32          | 19/26 | 12        |
| 14.304.0030 * | 29/32          | 24/29 | 12        |
| 14.304.0035 * | 34/35          | 19/26 | 12        |
| 14.304.0040 * | 34/35          | 24/29 | 12        |
| 14.304.0045 * | 34/35          | 29/32 | 12        |
| 14.304.0050 * | 40/38          | 24/29 | 12        |
| 14.304.0055 * | 45/40          | 29/32 | 12        |

\*Non DIN size





### Multiple Adapter. With Two Necks Parallel

\* Conformity to DIN 12594

| Cat No.       | Socket size | Cone size | Pack Size |
|---------------|-------------|-----------|-----------|
| 14.312.0005   | 14/23       | 14/23     | 1         |
| 14.312.0010 * | 14/23       | 19/26     | 1         |
| 14.312.0015   | 19/26       | 19/26     | 1         |
| 14.312.0020 * | 19/26       | 24/29     | 1         |
| 14.312.0025 * | 24/29       | 24/29     | 1         |
| 14.312.0030 * | 19/26       | 34/35     | 1         |
| 14.312.0035   | 29/32       | 29/32     | 1         |

\*Non DIN size



### Multiple Adapter, With Two Necks, One Vertical & One At 45°

| Cat No.     | Socket size | Cone size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.316.0005 | 14/23       | 14/23     | 1         |
| 14.316.0010 | 14/23       | 19/26     | 1         |
| 14.316.0015 | 14/23       | 24/29     | 1         |
| 14.316.0020 | 19/26       | 19/26     | 1         |
| 14.316.0025 | 19/26       | 24/29     | 1         |
| 14.316.0030 | 14/23       | 29/32     | 1         |
| 14.316.0035 | 29/32       | 29/32     | 1         |



### Multiple Adapter, With Three Necks, Two Parallel & One At 45°

| Cat No.     | Vertical Socket Size | Inclined Socket Size | Cone Size | Pack Size |
|-------------|----------------------|----------------------|-----------|-----------|
| 14.320.0005 | 19/26                | 19/26                | 19/26     | 1         |
| 14.320.0010 | 19/26                | 19/26                | 24/29     | 1         |
| 14.320.0015 | 14/23                | 14/23                | 29/32     | 1         |
| 14.320.0020 | 19/26                | 19/26                | 29/32     | 1         |
| 14.320.0025 | 29/32                | 29/32                | 29/32     | 1         |
| 14.320.0030 | 24/29                | 24/29                | 24/29     | 1         |
| 14.320.0032 | 19/26                | 19/26                | 34/35     | 1         |



### Swan Neck Adapter With Screw Thread, For Use With Thermometer Or Air Leak Tube

| Cat No.     | Socket size | Cone size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.324.0005 | 14/23       | 19/26     | 1         |
| 14.324.0010 | 19/26       | 19/26     | 1         |
| 14.324.0015 | 19/26       | 24/29     | 1         |
| 14.324.0020 | 24/29       | 24/29     | 1         |
| 14.324.0025 | 29/32       | 29/32     | 1         |



### Receiver Delivery Adapter - Short Stem

| Cat No.     | Socket Size | Approx. Length, mm | Pack Size |
|-------------|-------------|--------------------|-----------|
| 14.336.0005 | 14/23       | 65                 | 1         |
| 14.336.0010 | 19/26       | 65                 | 1         |
| 14.336.0015 | 24/29       | 65                 | 1         |
| 14.336.0020 | 29/32       | 65                 | 1         |



### Receiver Delivery Adapter - Long Stem

| Cat No.     | Socket Size | Approx. Length, mm | Pack Size |
|-------------|-------------|--------------------|-----------|
| 14.340.0005 | 14/23       | 190                | 1         |
| 14.340.0010 | 19/26       | 200                | 1         |
| 14.340.0015 | 24/29       | 200                | 1         |
| 14.340.0020 | 29/32       | 200                | 1         |

## Receiver Adapter - Straight Delivery

| Cat No.     | Socket size | Pack Size |
|-------------|-------------|-----------|
| 14.344.0005 | 14/23       | 10        |
| 14.344.0010 | 19/26       | 10        |
| 14.344.0015 | 24/29       | 10        |
| 14.344.0020 | 29/32       | 10        |



## Receiver Adapter - Plain Bend

| Cat No.     | Socket size | Cone size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.348.0005 | 14/23       | 14/23     | 1         |
| 14.348.0010 | 14/23       | 19/26     | 1         |
| 14.348.0015 | 19/26       | 19/26     | 1         |
| 14.348.0020 | 19/26       | 24/29     | 1         |
| 14.348.0025 | 24/29       | 24/29     | 1         |
| 14.348.0030 | 29/32       | 29/32     | 1         |



## Receiver Adapter - Bend With Vent

| Cat No.     | Socket size | Cone size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.352.0005 | 14/23       | 14/23     | 1         |
| 14.352.0010 | 19/26       | 19/26     | 1         |
| 14.352.0015 | 19/26       | 24/29     | 1         |
| 14.352.0020 | 24/29       | 24/29     | 1         |
| 14.352.0025 | 29/32       | 29/32     | 1         |



### Receiver Adapter With Vacuum Connection, Bend Type

\* In conformity to DIN 12594

| Cat No.      | Socket size | Cone size | Pack Size |
|--------------|-------------|-----------|-----------|
| 14.355.0005  | 14/23       | 14/23     | 1         |
| 14.355.0010* | 14/23       | 19/26     | 1         |
| 14.355.0015  | 19/26       | 19/26     | 1         |
| 14.355.0020* | 19/26       | 24/29     | 1         |
| 14.355.0025* | 24/29       | 24/29     | 1         |
| 14.355.0030* | 24/29       | 29/32     | 1         |
| 14.355.0035  | 29/32       | 29/32     | 1         |

\*Non DIN



### Receiver Adapter With Vacuum Connection, Straight Type

\* In conformity to DIN 12594

| Cat No.      | Socket size | Cone size | Pack Size |
|--------------|-------------|-----------|-----------|
| 14.356.0005  | 14/23       | 14/23     | 1         |
| 14.356.0010* | 14/23       | 19/26     | 1         |
| 14.356.0015  | 19/26       | 19/26     | 1         |
| 14.356.0020* | 19/26       | 24/29     | 1         |
| 14.356.0025* | 24/29       | 24/29     | 1         |
| 14.356.0030* | 24/29       | 29/32     | 1         |
| 14.356.0035  | 29/32       | 29/32     | 1         |

\*Non DIN

### Receiver Adapter, Socket To Cone, With Vertical Socket

| Cat No.     | Socket size | Cone size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.360.0005 | 14/23       | 14/23     | 1         |
| 14.360.0010 | 19/26       | 19/26     | 1         |
| 14.360.0015 | 19/26       | 24/29     | 1         |
| 14.360.0020 | 24/29       | 24/29     | 1         |
| 14.360.0025 | 29/32       | 29/32     | 1         |





## Receiver Adapter, With Multiple Connection

| Cat No.     | Socket size | Cone size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.364.0005 | 14/23       | 14/23     | 1         |
| 14.364.0010 | 14/23       | 19/26     | 1         |
| 14.364.0015 | 19/26       | 19/26     | 1         |



## Recovery Bend, Sloping

| Cat No.     | Cone Size to fit flask | Cone Size to fit condenser | Pack Size |
|-------------|------------------------|----------------------------|-----------|
| 14.368.0005 | 14/23                  | 14/23                      | 1         |
| 14.368.0010 | 24/29                  | 14/23                      | 1         |
| 14.368.0015 | 19/26                  | 19/26                      | 1         |
| 14.368.0020 | 24/29                  | 19/26                      | 1         |
| 14.368.0025 | 29/32                  | 19/26                      | 1         |
| 14.368.0030 | 29/32                  | 29/32                      | 1         |
| 14.368.0035 | 24/29                  | 24/29                      | 1         |
| 14.368.0040 | 34/35                  | 24/29                      | 1         |
| 14.368.0045 | 29/32                  | 24/29                      | 1         |
| 14.368.0050 | 34/35                  | 34/35                      | 1         |



## Recovery Bend, Vertical

| Cat No.     | Cone Size to fit flask | Cone Size to fit condenser | Pack Size |
|-------------|------------------------|----------------------------|-----------|
| 14.372.0005 | 14/23                  | 14/23                      | 1         |
| 14.372.0010 | 19/26                  | 19/26                      | 1         |
| 14.372.0015 | 24/29                  | 19/26                      | 1         |
| 14.372.0020 | 24/29                  | 24/29                      | 1         |
| 14.372.0025 | 29/32                  | 29/32                      | 1         |



## Still Head, Plain With Thermometer Socket

| Cat No.     | Socket Size | Cone Size to fit flask | Cone Size to fit condenser | Pack Size |
|-------------|-------------|------------------------|----------------------------|-----------|
| 14.376.0005 | 14/23       | 14/23                  | 14/23                      | 1         |
| 14.376.0010 | 14/23       | 19/26                  | 19/26                      | 1         |
| 14.376.0015 | 14/23       | 24/29                  | 19/26                      | 1         |
| 14.376.0020 | 14/23       | 29/32                  | 19/26                      | 1         |
| 14.376.0025 | 14/23       | 34/35                  | 19/26                      | 1         |
| 14.376.0030 | 14/23       | 24/29                  | 24/29                      | 1         |
| 14.376.0035 | 14/23       | 34/35                  | 24/29                      | 1         |
| 14.376.0040 | 14/23       | 29/32                  | 24/29                      | 1         |
| 14.376.0045 | 14/23       | 29/32                  | 29/32                      | 1         |
| 14.376.0050 | 14/23       | 34/35                  | 29/32                      | 1         |



## Claisen Head, Sloping, With Two 14/23 Sockets

| Cat No.     | Socket Size | Cone Size to fit flask | Cone Size to fit condenser | Pack Size |
|-------------|-------------|------------------------|----------------------------|-----------|
| 14.380.0005 | 14/23       | 14/23                  | 14/23                      | 1         |
| 14.380.0010 | 14/23       | 19/26                  | 19/26                      | 1         |
| 14.380.0015 | 14/23       | 24/29                  | 19/26                      | 1         |
| 14.380.0020 | 14/23       | 24/29                  | 24/29                      | 1         |
| 14.380.0025 | 14/23       | 29/32                  | 29/32                      | 1         |
| 14.380.0030 | 14/23       | 34/35                  | 24/29                      | 1         |



## Splash Head Adapters, for Rotavaps Anticlamp without return hole.

| Cat No.     | Bulb Cap. ml. | Socket Size | Cone Size | Pack Size |
|-------------|---------------|-------------|-----------|-----------|
| 14.382.0100 | 100           | 29/32       | 14/23     | 1         |
| 14.382.0250 | 250           | 29/32       | 19/26     | 1         |
| 14.382.0500 | 500           | 29/32       | 24/29     | 1         |



### Splash Head Adapter, Pear Shape, Straight

| Cat No.     | Socket to fit flask | Cone to fit condenser | Pack Size |
|-------------|---------------------|-----------------------|-----------|
| 14.384.0005 | 14/23               | 14/23                 | 1         |
| 14.384.0010 | 19/26               | 24/29                 | 1         |
| 14.384.0015 | 29/32               | 29/32                 | 1         |



### Splash Head, Pear Shape, Vertical

| Cat No.     | Cone to fit flask | Cone to fit condenser | Pack Size |
|-------------|-------------------|-----------------------|-----------|
| 14.388.0005 | 14/23             | 14/23                 | 1         |
| 14.388.0010 | 19/26             | 19/26                 | 1         |
| 14.388.0015 | 24/29             | 19/26                 | 1         |
| 14.388.0020 | 24/29             | 24/29                 | 1         |
| 14.388.0025 | 29/32             | 29/32                 | 1         |



### Splash Head, Pear Shape, Sloping

| Cat No.     | Cone to fit flask | Cone to fit condenser | Pack Size |
|-------------|-------------------|-----------------------|-----------|
| 14.392.0005 | 14/23             | 14/23                 | 1         |
| 14.392.0010 | 19/26             | 19/26                 | 1         |
| 14.392.0015 | 24/29             | 19/26                 | 1         |
| 14.392.0020 | 24/29             | 24/29                 | 1         |
| 14.392.0025 | 29/32             | 29/32                 | 1         |



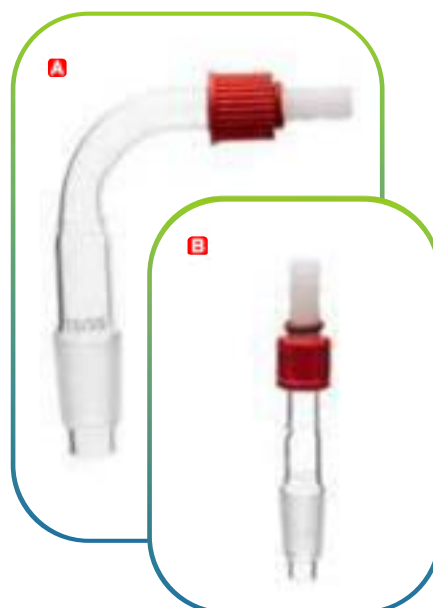
### Steam Distillation Head, Sloping

| Cat No.     | Cone to fit flask | Cone to fit condenser | Pack Size |
|-------------|-------------------|-----------------------|-----------|
| 14.396.0005 | 24/29             | 19/26                 | 1         |
| 14.396.0010 | 34/35             | 19/26                 | 1         |
| 14.396.0015 | 34/35             | 24/29                 | 1         |



### Adapter, Cone To Flexible Tubing Right Angle Connection With Screw Thread

| Cat No.<br>STRAIGHT <b>B</b> | Cat No.<br>RIGHT ANGLE <b>A</b> | Socket Size | Pack Size |
|------------------------------|---------------------------------|-------------|-----------|
| 14.399.0005                  | 14.400.0005                     | 14/23       | 1         |
| 14.399.0010                  | 14.400.0010                     | 19/26       | 1         |
| 14.399.0015                  | 14.400.0015                     | 24/29       | 1         |
| 14.399.0020                  | 14.400.0020                     | 29/32       | 1         |



### Adapter, Cone To Flexible Tubing, Straight Connection With Glass Stopcock

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.404.0005 | 14/23 | 1         |
| 14.404.0010 | 19/26 | 1         |
| 14.404.0015 | 24/29 | 1         |
| 14.404.0020 | 29/32 | 1         |

(Also available with PTFE key & Needle Valve stopcock on request. Please ask for prices)





**Adapter, Cone To Flexible Tubing, Right Angle Connection With Glass Stopcock**

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.408.0005 | 14/23 | 1         |
| 14.408.0010 | 19/26 | 1         |
| 14.408.0015 | 24/29 | 1         |
| 14.408.0020 | 29/32 | 1         |

(Also available with PTFE key & Needle Valve stopcock on request. Please ask for prices)

**Adapter, Socket To Flexible Tubing, Straight Connection With Glass Stopcock**

| Cat No.     | Socket | Pack Size |
|-------------|--------|-----------|
| 14.412.0005 | 14/23  | 1         |
| 14.412.0010 | 19/26  | 1         |
| 14.412.0015 | 24/29  | 1         |
| 14.412.0020 | 29/32  | 1         |

(Also available with PTFE key & Needle Valve stopcock on Request. Please ask for prices)

**Adapter, Socket To Flexible Tubing, Right Angle Connection With Glass Stopcock**

| Cat No.     | Socket | Pack Size |
|-------------|--------|-----------|
| 14.416.0005 | 14/23  | 1         |
| 14.416.0010 | 19/26  | 1         |
| 14.416.0015 | 24/29  | 1         |
| 14.416.0020 | 29/32  | 1         |

(Also available with PTFE key & Needle Valve stopcock on Request. Please ask for prices)



#### Adapter, Cone With Stem To Flexible Tubing Right Angle Connection

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.420.0005 | 14/23 | 1         |
| 14.420.0010 | 19/26 | 1         |
| 14.420.0015 | 24/29 | 1         |
| 14.420.0020 | 29/32 | 1         |



#### Adapter, Socket To Flexible Tubing Straight Connection

| Cat No.     | Socket | Pack Size |
|-------------|--------|-----------|
| 14.424.0005 | 14/23  | 1         |
| 14.424.0010 | 19/26  | 1         |
| 14.424.0015 | 24/29  | 1         |
| 14.424.0020 | 29/32  | 1         |



#### Adapter, Socket To Cone With Side Arm And Screw Thread

| Cat No.     | Socket Size | Cone Size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.428.0005 | 14/23       | 14/23     | 1         |
| 14.428.0010 | 14/23       | 19/26     | 1         |
| 14.428.0015 | 14/23       | 24/29     | 1         |
| 14.428.0020 | 14/23       | 29/32     | 1         |
| 14.428.0025 | 19/26       | 19/26     | 1         |
| 14.428.0030 | 19/26       | 24/29     | 1         |
| 14.428.0035 | 19/26       | 29/32     | 1         |
| 14.428.0040 | 24/29       | 24/29     | 1         |
| 14.428.0045 | 24/29       | 29/32     | 1         |
| 14.428.0050 | 29/32       | 29/32     | 1         |



## U Tube With Two Sockets

| Cat No.     | Socket Size | Pack Size |
|-------------|-------------|-----------|
| 14.432.0005 | 14/23       | 10        |
| 14.432.0010 | 19/26       | 10        |



## Drying Tube

| Cat No.     | Cone Size | Pack Size |
|-------------|-----------|-----------|
| 14.436.0005 | 14/23     | 10        |
| 14.436.0010 | 19/26     | 10        |
| 14.436.0015 | 24/29     | 10        |
| 14.436.0020 | 29/32     | 10        |



## Thermometer Pocket

| Cat No.     | Cone Size | Approx Stem Length, mm | Pack Size |
|-------------|-----------|------------------------|-----------|
| 14.440.0005 | 14/23     | 45                     | 10        |
| 14.440.0010 | 19/26     | 45                     | 10        |
| 14.440.0015 | 24/29     | 45                     | 10        |

## Thermometer Pocket, Long type, for sealing to required length.

| Cat No.     | Cone Size | Pack Size |
|-------------|-----------|-----------|
| 14.442.0005 | 14/23     | 6         |
| 14.442.0010 | 19/26     | 6         |
| 14.442.0015 | 24/29     | 6         |
| 14.442.0020 | 34/35     | 6         |



## Air Leak Tube/Gas Inlet Tube

| Cat No.     | Cone  | Pack Size |
|-------------|-------|-----------|
| 14.444.0005 | 14/23 | 10        |
| 14.444.0010 | 19/26 | 10        |
| 14.444.0015 | 24/29 | 10        |
| 14.444.0020 | 29/32 | 10        |



## Adapter Cone Screw Thread

| Cat No.     | Socket Size | Cone Size | Pack Size |
|-------------|-------------|-----------|-----------|
| 14.448.0005 | 6 mm        | 14/23     | 10        |
| 14.448.0010 | 6 mm        | 19/26     | 10        |
| 14.448.0015 | 6 mm        | 24/29     | 10        |
| 14.448.0020 | 6 mm        | 29/32     | 10        |



## Glass Stirring Rods

| Cat No.     | Approx OD x Length mm | Pack Size |
|-------------|-----------------------|-----------|
| 15.320.0815 | 8 x 150               | 20        |
| 15.320.0820 | 8 x 200               | 20        |
| 15.320.0825 | 8 x 250               | 20        |
| 15.320.0830 | 8 x 300               | 20        |
| 15.320.1015 | 10 x 150              | 20        |
| 15.320.1020 | 10 x 200              | 20        |
| 15.320.1025 | 10 x 250              | 20        |
| 15.320.1030 | 10 x 300              | 20        |



## Teflon Bladed Stirrers, Blade Removable from the Stirrer Shaft

| Cat No.                          | Approx. shaft dia. mm. | Shaft Length mm. | Smallest Socket through which blade will pass | Blade width mm. | Pack Size |
|----------------------------------|------------------------|------------------|---|-----------------|-----------|
| 14.463.0005                      | 6                      | 450              | 19/26   | 52              | 2         |
| 14.463.0010                      | 6                      | 450              | 24/29   | 76              | 2         |
| 14.463.0015                      | 8                      | 450              | 24/29   | 76              | 2         |
| 14.463.0020                      | 8                      | 450              | 29/32   | 100             | 2         |
| 14.463.0025                      | 8                      | 600              | 34/35   | 100             | 2         |
| 14.463.0030                      | 10                     | 450              | 34/35   | 100             | 2         |
| 14.463.0035                      | 10                     | 600              | 34/35   | 125             | 2         |
| Shaft for Teflon Bladed Stirrers |                        |                  |   |                 |           |
| 14.463.0040                      | 6                      | 450              |   |                 | 2         |
| 14.463.0045                      | 8                      | 450              |   |                 | 2         |
| 14.463.0050                      | 8                      | 600              |   |                 | 2         |
| 14.463.0055                      | 10                     | 450              |   |                 | 2         |
| 14.463.0060                      | 10                     | 600              |   |                 | 2         |



## Vortex Mixer



\* Actual Product Can Be Different From the Image

# Interchangeable Glassware



# Condensers

A condenser is used to facilitate the cooling of hot vapors and liquids. It consists of a bigger glass tube, containing a smaller glass tube running through its length. Hot liquids pass through this smaller glass tube.

Usually, the outer glass tube has two tube connections to aid the passing of a coolant (usually water or anti-freeze mixture). The coolant goes inside through the lower connection, while the upper connection serves as the outlet.

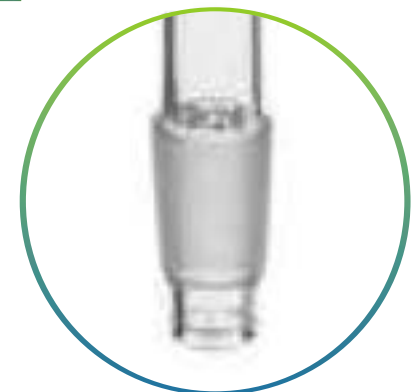
Multiple condensers may be connected in a series.

**NOTE : All condensers can be supplied with different joint sizes as per requirement**

## Condenser, Air

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.101.0005 | 200                  | 14/23       | 14/23     | 1         |
| 16.101.0010 | 200                  | 19/26       | 19/26     | 1         |
| 16.101.0015 | 250                  | 24/29       | 24/29     | 1         |
| 16.101.0020 | 400                  | 19/26       | 19/26     | 1         |
| 16.101.0023 | 400                  | 24/29       | 24/29     | 1         |
| 16.101.0025 | 500                  | 24/29       | 24/29     | 1         |
| 16.101.0030 | 500                  | 34/35       | 34/35     | 1         |
| 16.101.0035 | 600                  | 19/26       | 19/26     | 1         |
| 16.101.0040 | 750                  | 24/29       | 24/29     | 1         |
| 16.101.0045 | 750                  | -           | 19/26     | 1         |
| 16.101.0050 | 750                  | -           | 24/29     | 1         |
| 16.101.0055 | 1000                 | -           | 19/26     | 1         |
| 16.101.0060 | 1000                 | -           | 24/29     | 1         |

**NOTE : All condensers can be supplied with different joint sizes as per requirement**



Liebig condensers have a basic fluid circulating design. It consists of an inner straight tube and an outer tube having connector for fluid inflow and outflow.

### Condenser, Liebig

Conformity to DIN 12576 Standard

| Cat No.       | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|---------------|----------------------|-------------|-----------|-----------|
| 16.104.0035   | 160                  | 14/23       | 14/23     | 1         |
| 16.104.0036*  | 200                  | 19/15       | 19/15     | 1         |
| 16.104.0037   | 200                  | 19/26       | 19/26     | 1         |
| 16.104.0038   | 200                  | 24/29       | 24/29     | 1         |
| 16.104.0040   | 250                  | 19/26       | 19/26     | 1         |
| 16.104.0045   | 250                  | 24/29       | 24/29     | 1         |
| 16.104.0050   | 250                  | 29/32       | 29/32     | 1         |
| 16.104.0051*  | 300                  | 19/15       | 19/15     | 1         |
| 16.104.0052   | 300                  | 19/26       | 19/26     | 1         |
| 16.104.0055 * | 300                  | 24/29       | 24/29     | 1         |
| 16.104.0060 * | 300                  | 29/32       | 29/32     | 1         |
| 16.104.0063   | 350                  | 19/26       | 19/26     | 1         |
| 16.104.0067   | 350                  | 24/29       | 24/29     | 1         |
| 16.104.0070   | 350                  | 29/32       | 29/32     | 1         |
| 16.104.0072*  | 400                  | 19/15       | 19/15     | 1         |
| 16.104.0075 * | 400                  | 19/26       | 19/26     | 1         |
| 16.104.0080   | 400                  | 24/29       | 24/29     | 1         |
| 16.104.0085   | 400                  | 29/32       | 29/32     | 1         |
| 16.104.0090   | 450                  | 19/26       | 19/26     | 1         |
| 16.104.0095   | 450                  | 24/29       | 24/29     | 1         |
| 16.104.0097*  | 500                  | 19/15       | 19/15     | 1         |
| 16.104.0100   | 500                  | 24/29       | 24/29     | 1         |
| 16.104.0105   | 500                  | 29/32       | 29/32     | 1         |
| 16.104.0115   | 600                  | 24/29       | 24/29     | 1         |
| 16.104.0120   | 750                  | 24/29       | 24/29     | 1         |
| 16.104.0125   | 500                  | 34/35       | 34/35     | 1         |
| 16.104.0130   | 600                  | 34/35       | 34/35     | 1         |
| 16.104.0140   | 750                  | 34/35       | 34/35     | 1         |
| 16.104.0150   | 900                  | 34/35       | 34/35     | 1         |
| 16.104.0155   | 300                  | -           | 19/26     | 1         |
| 16.104.0160   | 350                  | -           | 24/29     | 1         |
| 16.104.0165   | 250                  | -           | 34/35     | 1         |

\*Non DIN Size

NOTE : All condensers can be supplied with different joint sizes as per requirement





### Condenser, Coil, Graham, Coil Distillate Type A

- The coiled condensation tubes provide greater surface area for cooling
- Designed with standard joints providing universal fitting

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.108.0025 | 160                  | 14/23       | 14/23     | 1         |
| 16.108.0030 | 200                  | 19/26       | 19/26     | 1         |
| 16.108.0035 | 250                  | 19/26       | 19/26     | 1         |
| 16.108.0040 | 250                  | 24/29       | 24/29     | 1         |
| 16.108.0045 | 300                  | 19/26       | 19/26     | 1         |
| 16.108.0050 | 300                  | 24/29       | 24/29     | 1         |
| 16.108.0055 | 400                  | 24/29       | 24/29     | 1         |
| 16.108.0060 | 500                  | 24/29       | 24/29     | 1         |
| 16.108.0065 | 500                  | 34/35       | 34/35     | 1         |
| 16.108.0070 | 600                  | 34/35       | 34/35     | 1         |



### Condenser, Coil, Graham, Jacket Distillate Type B

- The coiled condensation tubes provide greater surface area for cooling
- Designed with standard joints providing universal fitting

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.112.0025 | 160                  | 14/23       | 14/23     | 1         |
| 16.112.0028 | 160                  | 29/32       | 29/32     | 1         |
| 16.112.0030 | 200                  | 19/26       | 19/26     | 1         |
| 16.112.0035 | 250                  | 19/26       | 19/26     | 1         |
| 16.112.0040 | 250                  | 24/29       | 24/29     | 1         |
| 16.112.0045 | 300                  | 19/26       | 19/26     | 1         |
| 16.112.0050 | 300                  | 24/29       | 24/29     | 1         |
| 16.112.0052 | 300                  | 29/32       | 29/32     | 1         |
| 16.112.0055 | 400                  | 24/29       | 24/29     | 1         |

**NOTE :** All condensers can be supplied with different joint sizes as per requirement

### Condenser, Coil, Reversible

- Designed with standard joints providing universal fitting

| Cat No.     | Effective Length, mm | Socket Size | Cone Size     | Pack Size |
|-------------|----------------------|-------------|---------------|-----------|
| 16.116.0005 | 160                  | -           | 19/26 & 24/29 | 1         |
| 16.116.0010 | 160                  | -           | 24/29 & 24/29 | 1         |
| 16.116.0015 | 160                  | -           | 24/29 & 34/35 | 1         |



### Condenser, Double Coil, With Common Inlet

- Features a double coil design with a common water inlet
- Suitable for pilot plant work

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.120.0005 | 200                  | 19/26       | 19/26     | 1         |
| 16.120.0010 | 200                  | 24/29       | 24/29     | 1         |
| 16.120.0015 | 350                  | 34/35       | 34/35     | 1         |
| 16.120.0020 | 450                  | 34/35       | 34/35     | 1         |
| 16.120.0025 | 600                  | 34/35       | 34/35     | 1         |



**NOTE :** All condensers can be supplied with different joint sizes as per requirement

### Condenser, Double Surface, Davies

- These condensers are majorly used in research laboratories. A double-surface condenser has a water jacket both on the outside and through the center of the condensing tube. It is required where the condenser liquid is very volatile. Hence for distilling ethers, alcohols, esters, aromatics, petroleum products, and essential oils these condensers are widely used.

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.124.0010 | 150                  | 19/26       | 19/26     | 1         |
| 16.124.0015 | 150                  | 24/29       | 24/29     | 1         |
| 16.124.0020 | 200                  | 19/26       | 19/26     | 1         |
| 16.124.0025 | 200                  | 24/29       | 24/29     | 1         |
| 16.124.0030 | 200                  | 29/32       | 29/32     | 1         |
| 16.124.0035 | 200                  | -           | 19/26     | 1         |
| 16.124.0040 | 200                  | -           | 24/29     | 1         |
| 16.124.0045 | 200                  | -           | 34/35     | 1         |
| 16.124.0050 | 250                  | -           | 19/26     | 1         |
| 16.124.0055 | 250                  | 19/26       | 19/26     | 1         |
| 16.124.0060 | 250                  | 24/29       | 24/29     | 1         |
| 16.124.0065 | 300                  | 19/26       | 19/26     | 1         |
| 16.124.0070 | 300                  | 24/29       | 24/29     | 1         |
| 16.124.0075 | 400                  | 24/29       | 24/29     | 1         |
| 16.124.0080 | 500                  | 24/29       | 24/29     | 1         |
| 16.124.0085 | 500                  | 34/35       | 34/35     | 1         |
| 16.124.0090 | 600                  | 34/35       | 34/35     | 1         |



### Condenser, Jacketed Coil, Double Surface Condenser

- Double surface condensers with a coil as the inner surface provides approximately twice the surface area of plain coil condensers of the same effective length.

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.128.0005 | 160                  | 19/26       | 19/26     | 1         |
| 16.128.0010 | 160                  | 24/29       | 24/29     | 1         |
| 16.128.0012 | 160                  | 29/32       | 29/32     | 1         |
| 16.128.0015 | 160                  | -           | 34/35     | 1         |
| 16.128.0020 | 160                  | -           | 40/38     | 1         |
| 16.128.0025 | 200                  | 19/26       | 19/26     | 1         |
| 16.128.0030 | 200                  | 24/29       | 24/29     | 1         |
| 16.128.0035 | 300                  | 19/26       | 19/26     | 1         |
| 16.128.0040 | 300                  | 24/29       | 24/29     | 1         |
| 16.128.0045 | 400                  | 24/29       | 24/29     | 1         |
| 16.128.0050 | 400                  | 34/35       | 34/35     | 1         |
| 16.128.0055 | 500                  | 34/35       | 34/35     | 1         |



### Condenser, Inland Revenue

- Inland Revenue Pattern
- Highly efficient
- Vapour and distillate move down through the coil
- Coolant water flows outside the coil

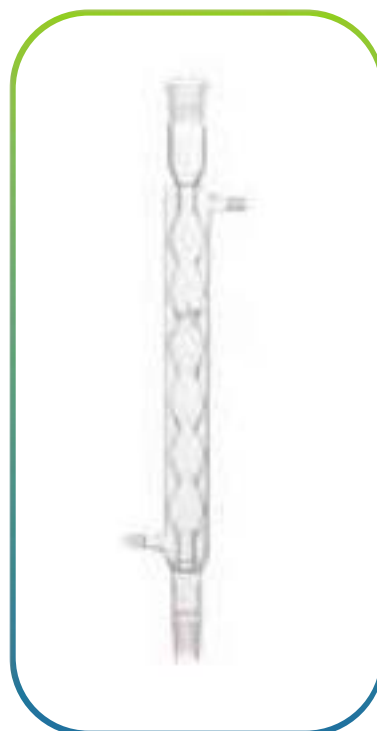
| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.132.0010 | 200                  | 19/26       | 19/26     | 1         |
| 16.132.0015 | 200                  | 24/29       | 24/29     | 1         |



### Condenser, Allihn (Bulb Condenser)

- Conformity to DIN 12581
- Better surface area than the Liebig Condenser. Series of bulbs provide higher cooling capacity which is ideal for reflux applications
- Designed with standard joints providing universal fitting.

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.136.0025 | 200                  | -           | 19/26     | 1         |
| 16.136.0030 | 200                  | -           | 24/29     | 1         |
| 16.136.0035 | 200                  | -           | 29/32     | 1         |
| 16.136.0040 | 200                  | -           | 34/35     | 1         |
| 16.136.0045 | 200                  | -           | 40/38     | 1         |
| 16.136.0050 | 200                  | -           | 50/42     | 1         |
| 16.136.0055 | 250                  | -           | 50/42     | 1         |
| 16.136.0060 | 200                  | 19/26       | 19/26     | 1         |
| 16.136.0055 | 200                  | 24/29       | 24/29     | 1         |
| 16.136.0070 | 300                  | 19/26       | 19/26     | 1         |
| 16.136.0075 | 300                  | 24/29       | 24/29     | 1         |
| 16.136.0080 | 400                  | 24/29       | 24/29     | 1         |
| 16.136.0085 | 500                  | 24/29       | 24/29     | 1         |
| 16.136.0090 | 500                  | 34/35       | 34/35     | 1         |
| 16.136.0095 | 600                  | 34/35       | 34/35     | 1         |
| 16.136.0100 | 750                  | 34/35       | 34/35     | 1         |



NOTE : All condensers can be supplied with different joint sizes as per requirement



### Condenser, Friedrich

- Specially designed inner spiral tubes ensure a long vapour path
- Offer better heat transfer
- Condenser has a standard taper outer joint and a lower inner drip tip joint

| Cat No.     | Effective Length, mm | Socket Size    | Cone Size | Pack Size |
|-------------|----------------------|----------------|-----------|-----------|
| 16.140.0005 | 160                  | 19/26          | 19/26     | 1         |
| 16.140.0010 | 200                  | 19/26 or 24/29 | 24/29     | 1         |
| 16.140.0015 | 250                  | 19/26 or 24/29 | 24/29     | 1         |
| 16.140.0025 | 300                  | 24/29          | 24/29     | 1         |

### Condenser, Ether

- Highly efficient coil condenser suitable for condensing very volatile liquids. Inner coil with large surface area. Outer water jacket to avoid vapour creep around the coil. Coil and jacket are independent and can be fed from separate water supplies for maximum efficiency.

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.144.0005 | 160                  | 19/26       | 24/29     | 1         |
| 16.144.0010 | 200                  | 19/26       | 24/29     | 1         |
| 16.144.0015 | 250                  | 19/26       | 24/29     | 1         |

### Condenser, Immersion (Cold Finger)

- For immersion into distillation assemblies etc.
- Can be used to regulate refluxing by adjusting the flow of air or water through it

| Cat No.     | Effective Length, mm | Cone Size | Pack Size |
|-------------|----------------------|-----------|-----------|
| 16.148.0005 | 100                  | 19/26     | 1         |



**NOTE :** All condensers can be supplied with different joint sizes as per requirement

# Extractors

Soxhlet Extraction Apparatus, consist of Flask, Extractor and Condenser

| Cat No. Glass connector | Condenser type | Effective Capacity, ml | Extractor Socket | Extractor Cone | Flask Capacity, ml | Pack Size |
|-------------------------|----------------|------------------------|------------------|----------------|--------------------|-----------|
| 16.308.0002             | Allihn         | 60                     | 34/35            | 24/29          | 150                | 1         |
| 16.308.0004             | Allihn         | 100                    | 40/38            | 24/29          | 250                | 1         |
| 16.308.0005             | Allihn         | 100                    | 45/40            | 29/32          | 250                | 1         |
| 16.308.0007             | Allihn         | 200                    | 50/42            | 24/29          | 500                | 1         |
| 16.308.0010             | Allihn         | 250                    | 45/40            | 29/32          | 500                | 1         |
| 16.308.0015             | Allihn         | 500                    | 60/46            | 29/32          | 1000               | 1         |
| 16.308.0020             | Allihn         | 1000                   | 71/55            | 29/32          | 2000               | 1         |
| 16.308.0025             | Dimroth        | 100                    | 45/40            | 29/32          | 250                | 1         |
| 16.308.0030             | Dimroth        | 250                    | 45/40            | 29/32          | 500                | 1         |
| 16.308.0035             | Dimroth        | 500                    | 60/46            | 29/32          | 1000               | 1         |
| 16.308.0040             | Dimroth        | 1000                   | 71/55            | 29/32          | 2000               | 1         |



## Spare Extractor for Soxhlet Apparatus

- Conformity to DIN 12602
- Made of Borosilicate Glass
- Designed with a bulb in the siphon tube near the top, to aid the siphoning action
- The vapour tube also protects the siphon tube from accidental damage

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.312.0002 | 60                   | 34/35       | 24/29     | 1         |
| 16.312.0004 | 100                  | 40/38       | 24/29     | 1         |
| 16.312.0005 | 100                  | 45/40       | 29/32     | 1         |
| 16.312.0007 | 200                  | 50/42       | 24/29     | 1         |
| 16.312.0010 | 250                  | 45/40       | 29/32     | 1         |
| 16.312.0015 | 500                  | 60/46       | 29/32     | 1         |
| 16.312.0020 | 1000                 | 71/55       | 29/32     | 1         |

## Spare Condensers for Soxhlet Extraction Apparatus Allihn Condenser

- Made of Borosilicate Glass
- Greater Surface area than the Liebig Condenser owing to a series of bulbs, resulting in higher cooling capacity
- Ideal for laboratory scale refluxing

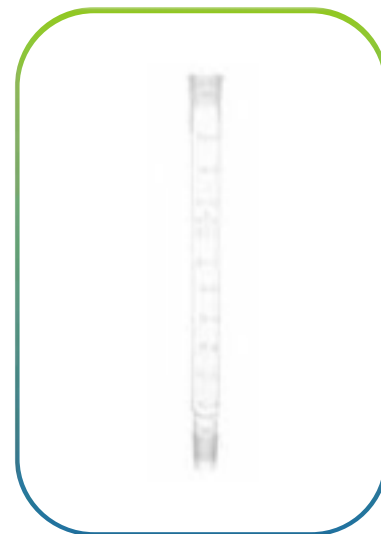
| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.301.0002 | 60                   | 34/35       | 300       | 1         |
| 16.301.0004 | 100                  | 40/38       | 300       | 1         |
| 16.301.0005 | 100                  | 45/40       | 300       | 1         |
| 16.301.0007 | 200                  | 50/42       | 400       | 1         |
| 16.301.0010 | 250                  | 45/40       | 400       | 1         |
| 16.301.0015 | 500                  | 60/46       | 400       | 1         |
| 16.301.0020 | 1000                 | 71/55       | 400       | 1         |



# Columns

## Fractionating Column, Vigreux

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.201.0005 | 360                  | 24/29       | 24/29     | 1         |
| 16.201.0010 | 600                  | 24/29       | 24/29     | 1         |
| 16.201.0015 | 360                  | 29/32       | 29/32     | 1         |
| 16.201.0020 | 750                  | 34/35       | 34/35     | 1         |



## Fractionating Column, Dufton

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.204.0005 | 160                  | 19/26       | 19/26     | 1         |
| 16.204.0010 | 300                  | 19/26       | 19/26     | 1         |
| 16.204.0012 | 160                  | 24/29       | 19/26     | 1         |
| 16.204.0014 | 300                  | 24/29       | 19/26     | 1         |
| 16.204.0015 | 160                  | 24/29       | 24/29     | 1         |
| 16.204.0020 | 300                  | 24/29       | 24/29     | 1         |



## Fractionating Column, Plain, Designed For Use With Various Types Of Column

### Packing

| Cat No.     | Effective Length, mm | Socket Size | Cone Size | Pack Size |
|-------------|----------------------|-------------|-----------|-----------|
| 16.208.0005 | 250                  | 24/29       | 24/29     | 1         |
| 16.208.0010 | 500                  | 24/29       | 24/29     | 1         |
| 16.208.0015 | 500                  | 29/32       | 29/32     | 1         |
| 16.208.0020 | 750                  | 24/29       | 24/29     | 1         |
| 16.208.0025 | 250                  | 34/35       | 24/29     | 1         |
| 16.208.0030 | 500                  | 34/35       | 24/29     | 1         |
| 16.208.0035 | 600                  | 34/35       | 34/35     | 1         |



## Plain Chromatography Absorption Columns

| Cat No.     | Effective Length, cm | Dia. mm | Pack Size | Stopcock Type              |
|-------------|----------------------|---------|-----------|----------------------------|
| 18.152.0005 | 20                   | 10      | 1         | Without Stopcock           |
| 18.152.0010 | 30                   | 15      | 1         | Without Stopcock           |
| 18.152.0015 | 50                   | 20      | 1         | Without Stopcock           |
| 18.152.0020 | 60                   | 25      | 1         | Without Stopcock           |
| 18.152.0025 | 60                   | 40      | 1         | Without Stopcock           |
| 18.152.0030 | 100                  | 50      | 1         | Without Stopcock           |
| 18.156.0005 | 20                   | 10      | 1         | Glass Stopcock             |
| 18.156.0010 | 30                   | 15      | 1         | Glass Stopcock             |
| 18.156.0015 | 50                   | 20      | 1         | Glass Stopcock             |
| 18.156.0020 | 60                   | 25      | 1         | Glass Stopcock             |
| 18.156.0025 | 60                   | 40      | 1         | Glass Stopcock             |
| 18.156.0030 | 100                  | 50      | 1         | Glass Stopcock             |
| 18.180.0005 | 20                   | 10      | 1         | PTFE Needle Valve Stopcock |
| 18.180.0010 | 30                   | 15      | 1         | PTFE Needle Valve Stopcock |
| 18.180.0015 | 50                   | 20      | 1         | PTFE Needle Valve Stopcock |
| 18.180.0020 | 60                   | 25      | 1         | PTFE Needle Valve Stopcock |
| 18.180.0025 | 60                   | 40      | 1         | PTFE Needle Valve Stopcock |
| 18.180.0030 | 100                  | 50      | 1         | PTFE Needle Valve Stopcock |



## Chromatography Column, With Integral Sintered Disc(grade-1)

| Cat No.     | Effective Length, cm | Dia. mm | Pack Size | Stopcock Type              |
|-------------|----------------------|---------|-----------|----------------------------|
| 18.164.0005 | 15                   | 10      | 1         | Without Stopcock           |
| 18.164.0010 | 20                   | 15      | 1         | Without Stopcock           |
| 18.164.0015 | 30                   | 20      | 1         | Without Stopcock           |
| 18.164.0020 | 40                   | 20      | 1         | Without Stopcock           |
| 18.164.0025 | 40                   | 30      | 1         | Without Stopcock           |
| 18.164.0030 | 50                   | 30      | 1         | Without Stopcock           |
| 18.164.0035 | 50                   | 40      | 1         | Without Stopcock           |
| 18.164.0040 | 60                   | 40      | 1         | Without Stopcock           |
| 18.164.0045 | 100                  | 40      | 1         | Without Stopcock           |
| 18.168.0005 | 15                   | 10      | 1         | Glass Stopcock             |
| 18.168.0010 | 20                   | 15      | 1         | Glass Stopcock             |
| 18.168.0015 | 30                   | 20      | 1         | Glass Stopcock             |
| 18.168.0020 | 40                   | 20      | 1         | Glass Stopcock             |
| 18.168.0025 | 40                   | 30      | 1         | Glass Stopcock             |
| 18.168.0030 | 50                   | 30      | 1         | Glass Stopcock             |
| 18.168.0035 | 50                   | 40      | 1         | Glass Stopcock             |
| 18.168.0040 | 60                   | 40      | 1         | Glass Stopcock             |
| 18.168.0045 | 100                  | 40      | 1         | Glass Stopcock             |
| 18.160.0005 | 15                   | 10      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0010 | 20                   | 15      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0015 | 30                   | 20      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0020 | 40                   | 20      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0025 | 40                   | 30      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0030 | 50                   | 30      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0035 | 50                   | 40      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0040 | 60                   | 40      | 1         | PTFE Needle Valve Stopcock |
| 18.160.0045 | 100                  | 40      | 1         | PTFE Needle Valve Stopcock |



## Chromatography Column, With Integral Sintered Disc, Socket And Cone

| Cat No.     | Bore mm | Effective Length, mm | Socket Size | Cone Size | Pack Size | Stopcock Type  |
|-------------|---------|----------------------|-------------|-----------|-----------|----------------|
| 18.184.0005 | 10      | 100                  | 14/23       | 19/26     | 1         | Glass Stopcock |
| 18.184.0010 | 10      | 200                  | 14/23       | 19/26     | 1         | Glass Stopcock |
| 18.184.0015 | 10      | 300                  | 14/23       | 19/26     | 1         | Glass Stopcock |
| 18.184.0030 | 18      | 300                  | 24/29       | 19/26     | 1         | Glass Stopcock |
| 18.184.0035 | 18      | 400                  | 24/29       | 19/26     | 1         | Glass Stopcock |
| 18.184.0040 | 18      | 400                  | 24/29       | 24/29     | 1         | Glass Stopcock |



## Burners





# General Labware



# General Labware

brand Labware is manufactured from Low-expansion Boro 3.3 glass in conformance with ASTM E-438 TYPE 1 CLASS A glass & DIN ISO 3585. Our Labware has easy to read scale and large labeling field for easy marking in a durable white enamel. Uniform wall thickness makes these products ideal for heating applications. Printed in white as a standard.

## Beaker, Low Form, With Graduation & Spout

- In compliance to ISO 3819/DIN 12331/IS 2619 Standard
- Printed in white color
- The spout design enables clean and precise pouring
- Uniform wall thickness distribution makes it ideal for heating liquids
- The easy-to-read scale and labeling field for marking
- High resistance to chemical attack

| Cat No.      | Capacity ml | O.D. x Ht., mm | Pack Size |
|--------------|-------------|----------------|-----------|
| 15.101.0005  | 5           | 22x30          | 12        |
| 15.101.0010* | 10          | 25x35          | 12        |
| 15.101.0025  | 25          | 34x50          | 10        |
| 15.101.0050  | 50          | 42x60          | 10        |
| 15.101.0100  | 100         | 50x72          | 10        |
| 15.101.0150  | 150         | 60x80          | 10        |
| 15.101.0250  | 250         | 70x95          | 10        |
| 15.101.0400  | 400         | 80x110         | 10        |
| 15.101.0500  | 500         | 83x115         | 6         |
| 15.101.0600  | 600         | 90x125         | 6         |
| 15.101.1000  | 1000        | 105x146        | 6         |
| 15.101.2000  | 2000        | 130x185        | 4         |
| 15.101.3000  | 3000        | 150x210        | 1         |
| 15.101.5000  | 5000        | 170x270        | 1         |
| 15.101.9910  | 10000       | 220x350        | 1         |

\*Supertek Specification

## Amber Colour Beaker, Low Form, With Graduation & Spout

- In compliance to ISO 3819/DIN 12331/IS 2619 Standard
- Printed in white color
- The spout design enables clean and precise pouring
- Uniform wall thickness distribution makes it ideal for heating liquids
- The easy-to-read scale and labeling field for marking
- High resistance to chemical attack

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.102.0050 | 50          | 42x60          | 10        |
| 15.102.0100 | 100         | 50x72          | 10        |
| 15.102.0150 | 150         | 60x80          | 10        |
| 15.102.0250 | 250         | 70x95          | 10        |
| 15.102.0500 | 500         | 83x115         | 6         |

Best Seller



### Beaker, Tall Form, With Graduation & Spout

- In compliance to ISO 3819/DIN 12331 Standard, Printed in white color
- The spout design enables clean and precise pouring
- Uniform wall thickness distribution makes it ideal for heating liquids
- The easy-to-read scale and labeling field for marking
- High resistance to chemical attack

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.104.0050 | 50          | 38x70          | 10        |
| 15.104.0100 | 100         | 48x80          | 10        |
| 15.104.0150 | 150         | 55x95          | 10        |
| 15.104.0250 | 250         | 60x120         | 10        |
| 15.104.0400 | 400         | 70x130         | 10        |
| 15.104.0500 | 500         | 80x138         | 6         |
| 15.104.0600 | 600         | 80x150         | 6         |
| 15.104.0800 | 800         | 90x175         | 6         |
| 15.104.1000 | 1000        | 90x200         | 6         |
| 15.104.2000 | 2000        | 120x240        | 4         |
| 15.104.3000 | 3000        | 135x280        | 4         |

\*Supertek Specification



### Beaker, Low Form, With Double Capacity Scale

- Conformity to ASTM E-960 Standard, Printed in white color
- The spout design enables clean and precise pouring
- Uniform wall thickness distribution makes it ideal for heating liquids
- The easy-to-read scale and labeling field for marking
- High resistance to chemical attack
- Double graduation metric scale for convenience

| Cat No.      | Capacity ml | Graduation Interval | O.D. x Ht., mm | Pack Size |
|--------------|-------------|---------------------|----------------|-----------|
| 15.105.0010* | 10          | -                   | 25x35          | 12        |
| 15.105.0020* | 20          | 10 ml               | 32x40          | 10        |
| 15.105.0030* | 30          | 10 ml               | 36x55          | 10        |
| 15.105.0050  | 50          | 10 ml               | 42x60          | 10        |
| 15.105.0100  | 100         | 10 ml               | 50x72          | 10        |
| 15.105.0150  | 150         | 20 ml               | 60x80          | 10        |
| 15.105.0250  | 250         | 25 ml               | 70x95          | 10        |
| 15.105.0400  | 400         | 25 ml               | 80x110         | 10        |
| 15.105.0600  | 600         | 50 ml               | 90x125         | 6         |
| 15.105.1000  | 1000        | 50 ml               | 105x148        | 6         |
| 15.105.2000  | 2000        | 200 ml              | 130x185        | 4         |
| 15.105.4000* | 4000        | 500 ml              | 160x250        | 1         |



DIN  
12331

ISO  
3819

A  
121°C

Dish Washer  
Durable  
Print

## Beakers Philips, Conical With Spout

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.106.0250 | 250         | 68x110         | 2         |
| 15.106.0500 | 500         | 85x142         | 2         |



## Laboratory Plasticware



### Flask, Flat Bottom

- In compliance to ISO 1773/IS:1381 Part 1 Standard, Printed in white color
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Strong sturdy rim
- All sizes have a durable matt-finished enameled area for marking.

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.108.0005 | 5           | 30x55          | 10        |
| 15.108.0010 | 10          | 35x65          | 10        |
| 15.108.0025 | 25          | 42x75          | 10        |
| 15.108.0050 | 50          | 51x90          | 10        |
| 15.108.0100 | 100         | 64x105         | 10        |
| 15.108.0150 | 150         | 75x130         | 10        |
| 15.108.0250 | 250         | 85x138         | 10        |
| 15.108.0500 | 500         | 105x163        | 10        |
| 15.108.1000 | 1000        | 131x190        | 6         |
| 15.108.2000 | 2000        | 166x230        | 6         |
| 15.108.3000 | 3000        | 190x260        | 1         |
| 15.108.5000 | 5000        | 224x315        | 1         |
| 15.108.9910 | 10000       | 279x360        | 1         |
| 15.108.9920 | 20000       | 350x495        | 1         |

### Amber Color Flasks, Boiling, Flat Bottom

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.110.0050 | 50          | 51x90          | 10        |
| 15.110.0100 | 100         | 64x105         | 10        |
| 15.110.0250 | 250         | 85x138         | 10        |
| 15.110.0500 | 500         | 105x163        | 10        |
| 15.110.1000 | 1000        | 131x190        | 6         |
| 15.110.2000 | 2000        | 166x230        | 6         |

### Flask Flat Bottom, Wide Neck

- Conformity to ISO 24450 Standard, Printed in white color
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Strong sturdy rim
- All sizes have a durable matt-finished enameled area for marking

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.112.0050 | 50          | 51x90          | 10        |
| 15.112.0100 | 100         | 64x105         | 10        |
| 15.112.0250 | 250         | 85x138         | 10        |
| 15.112.0500 | 500         | 105x163        | 10        |
| 15.112.1000 | 1000        | 131x190        | 6         |

Best Seller





### Flask, Round Bottom

- In Compliance to ISO 1773/IS:1381 Part 1 Standard, Printed in white color
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Strong sturdy rim
- All sizes have a durable matt-finished enameled area for marking.

| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.116.0005 | 5           | 30x60          | 10        |
| 15.116.0010 | 10          | 35x70          | 10        |
| 15.116.0025 | 25          | 42x90          | 10        |
| 15.116.0050 | 50          | 51x95          | 10        |
| 15.116.0100 | 100         | 64x110         | 10        |
| 15.116.0150 | 150         | 75x137         | 10        |
| 15.116.0250 | 250         | 85x143         | 10        |
| 15.116.0500 | 500         | 105x168        | 10        |
| 15.116.1000 | 1000        | 131x200        | 6         |
| 15.116.2000 | 2000        | 166x240        | 6         |
| 15.116.3000 | 3000        | 190x305        | 1         |
| 15.116.5000 | 5000        | 223x350        | 1         |
| 15.116.9910 | 10000       | 279x380        | 1         |
| 15.116.9920 | 20000       | 350x515        | 1         |



### Amber Color Flasks, Boiling, Round Bottom

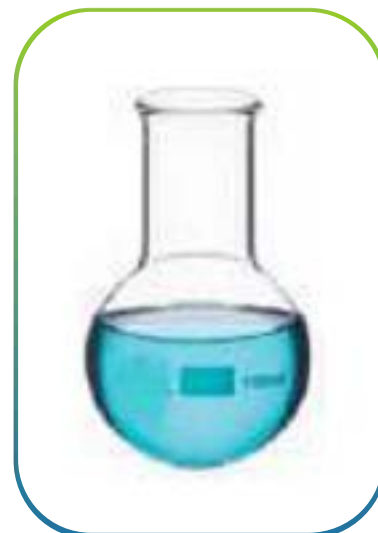
| Cat No.     | Capacity ml | O.D. x Ht., mm | Pack Size |
|-------------|-------------|----------------|-----------|
| 15.118.0050 | 50          | 51x95          | 10        |
| 15.118.0100 | 100         | 64x110         | 10        |
| 15.118.0250 | 250         | 85x143         | 10        |
| 15.118.0500 | 500         | 105x168        | 10        |
| 15.118.1000 | 1000        | 131x200        | 6         |
| 15.118.2000 | 2000        | 166x240        | 6         |



### Flask, Round Bottom, Wide Neck

- Conformity to ISO 24450 Standard. Printed in white color
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Strong sturdy rim
- All sizes have a durable matt-finished enameled area for marking

| Cat No.     | Capacity ml | O.D. Ht., mm | Pack Size |
|-------------|-------------|--------------|-----------|
| 15.120.0050 | 50          | 51x95        | 10        |
| 15.120.0100 | 100         | 64x110       | 10        |
| 15.120.0250 | 250         | 85x143       | 10        |
| 15.120.0500 | 500         | 105x168      | 10        |
| 15.120.1000 | 1000        | 131x200      | 6         |



### Flask, Conical (Erlenmeyer) Graduated

- In Compliance to ISO 1773/IS:1381 Part 1 Standard.
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Strong sturdy rim
- All sizes have an easy to read scale & durable matt-finished enameled area for marking
- The conical form makes them suitable for mixing liquids

| Cat No.     | Capacity ml | O.D. Ht., mm | Pack Size |
|-------------|-------------|--------------|-----------|
| 15.124.0005 | 5           | 30x50        | 10        |
| 15.124.0010 | 10          | 30x60        | 10        |
| 15.124.0025 | 25          | 42x75        | 10        |
| 15.124.0050 | 50          | 51x90        | 10        |
| 15.124.0100 | 100         | 64x105       | 10        |
| 15.124.0150 | 150         | 72x124       | 10        |
| 15.124.0250 | 250         | 85x145       | 10        |
| 15.124.0500 | 500         | 105x180      | 10        |
| 15.124.1000 | 1000        | 131x220      | 6         |
| 15.124.2000 | 2000        | 166x280      | 6         |
| 15.124.3000 | 3000        | 187x310      | 1         |
| 15.124.4000 | 4000        | 198x356      | 1         |
| 15.124.5000 | 5000        | 220x385      | 1         |

Best Seller



### Amber Color Flask, Conical (Erlenmeyer) Graduated

| Cat No.     | Capacity ml | O.D. Ht., mm | Pack Size |
|-------------|-------------|--------------|-----------|
| 15.126.0050 | 50          | 51x90        | 10        |
| 15.126.0100 | 100         | 64x105       | 10        |
| 15.126.0250 | 250         | 85x145       | 10        |
| 15.126.0500 | 500         | 105x180      | 10        |
| 15.126.1000 | 1000        | 131x220      | 6         |
| 15.126.2000 | 2000        | 166x280      | 6         |



ISO  
1773

Dish Washer  
Durable  
Print

A  
121°C

### Flask, Conical (Erlenmeyer) Graduated, Wide Neck

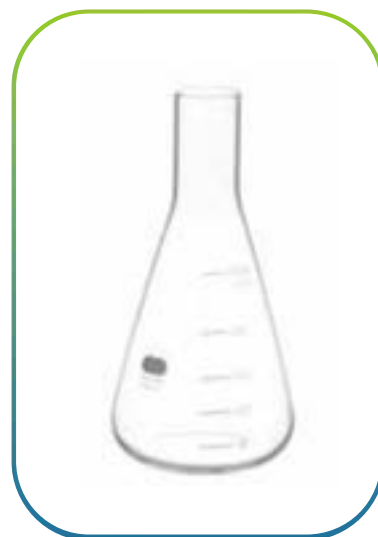
- In Compliance to IS/ISO 24450. Printed in white color
- Uniform wall thickness distribution makes these Flasks ideal for heating
- Strong sturdy rim
- All sizes have a durable matt-finished enameled area for marking

| Cat No.     | Capacity ml | O.D. Ht., mm | Pack Size |
|-------------|-------------|--------------|-----------|
| 15.128.0025 | 25          | 42x75        | 10        |
| 15.128.0050 | 50          | 51x85        | 10        |
| 15.128.0100 | 100         | 64x105       | 10        |
| 15.128.0250 | 250         | 85x140       | 10        |
| 15.128.0500 | 500         | 105x175      | 10        |
| 15.128.1000 | 1000        | 131x220      | 6         |



### Flasks Erlenmeyer, Conical, Long Neck, Without Rim

| Cat No.    | Capacity ml | Neck O.D. | Height mm | Pack Size |
|------------|-------------|-----------|-----------|-----------|
| 15.129.250 | 250         | 78        | 154       | 6         |



### Flask, Kjeldahl, Long Neck

- Designed for Nitrogen Determination as per Kjeldahl Method

| Cat No.       | Capacity ml | Dia mm | Approx Height mm | Pack Size |
|---------------|-------------|--------|------------------|-----------|
| 15.132.0010   | 10          | 30     | 180              | 2         |
| 15.132.0030   | 30          | 40     | 180              | 2         |
| 15.132.0100   | 100         | 58     | 200              | 2         |
| 15.132.0300   | 300         | 81     | 295              | 2         |
| 15.132.0500   | 500         | 101    | 300              | 2         |
| 15.132.0500A* | 500         | 101    | 325              | 2         |
| 15.132.0800   | 800         | 113    | 375              | 2         |
| 15.132.0800A* | 800         | 118    | 340              | 2         |

\* supertek standard



### Flask, Kjeldahl, With Joint

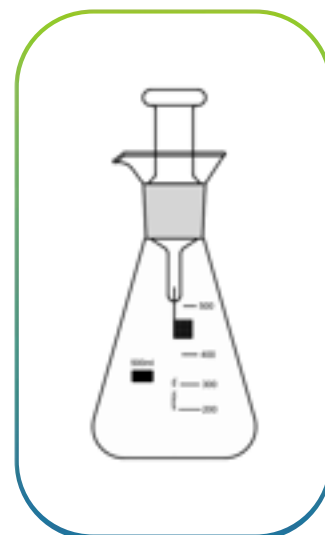
| Cat No.       | Capacity ml | Socket Size | Approx Height mm | O.D. Ht., mm | Pack Size |
|---------------|-------------|-------------|------------------|--------------|-----------|
| 15.136.0005   | 50          | 19/26       | 200              | 51x200       | 2         |
| 15.136.0010   | 100         | 19/26       | 200              | 60x200       | 2         |
| 15.136.0015   | 100         | 24/29       | 200              | 60x200       | 2         |
| 15.136.0020   | 300         | 24/29       | 295              | 85x295       | 2         |
| 15.136.0025   | 500         | 24/29       | 300              | 101x300      | 2         |
| 15.136.0025A* | 500         | 24/29       | 325              | 101x325      | 2         |
| 15.136.0030   | 800         | 24/29       | 340              | 118x340      | 2         |
| 15.136.0030A* | 800         | 24/29       | 375              | 113x375      | 2         |

\* supertek standard



Schoinger Micro Combustion Flask, (Oxygen Flask) with Platinum wire gauge sample carrier, for determination of Halogens, Sulphur, Phosphorous metal etc.

| Cat No.     | Capacity ml | Pack Size |
|-------------|-------------|-----------|
| 15.139.0500 | 500         | 1         |
| 15.139.1000 | 1000        | 1         |



## Filter Papers



### Flask, Distillation, With Side Tube

- With side tube and reinforced bead
- In Compliance to ASTM 1405 Standard
- Uniform wall thickness distribution makes these Flasks ideal for heating
- All sizes have a durable matt-finished enameled area for marking
- Suitable for distillation process

| Cat No.     | Capacity ml | Pack Size |
|-------------|-------------|-----------|
| 15.140.0025 | 25          | 2         |
| 15.140.0050 | 50          | 2         |
| 15.140.0100 | 100         | 2         |
| 15.140.0125 | 125         | 2         |
| 15.140.0250 | 250         | 2         |
| 15.140.0500 | 500         | 1         |
| 15.140.1000 | 1000        | 1         |



### Flask, Distillation

- with 19/26 joint, side arm

| Cat No.     | Capacity ml | Ht x OD mm (Approx) | Pack Size |
|-------------|-------------|---------------------|-----------|
| 15.144.0125 | 125         | 70x215              | 2         |



### Flask, Filter Bolt Neck With Tubule At Side

- Heavy wall for Superior strength
- The shape is designed to impart maximum mechanical strength
- The neck finish is designed for strength and to ensure good stopper fit

| Cat No.     | Capacity ml | O.D. Ht., mm | Pack Size |
|-------------|-------------|--------------|-----------|
| 15.152.0050 | 50          | 50x90        | 10        |
| 15.152.0100 | 100         | 70x110       | 10        |
| 15.152.0250 | 250         | 85x155       | 10        |
| 15.152.0500 | 500         | 105x185      | 10        |
| 15.152.1000 | 1000        | 135x230      | 6         |
| 15.152.2000 | 2000        | 165x290      | 6         |
| 15.152.5000 | 5000        | 240x445      | 1         |
| 15.152.9910 | 10000*      | 237x420      | 1         |
| 15.152.9920 | 20000*      | 287x535      | 1         |

\* superlek standard

Superior  
Strength



### Flask Round Bottom, Single Neck

- Made of 3.3 borosilicate glass
- In Compliance to DIN ISO 4797 Standard. Printed in white color
- Uniform wall thickness distribution and the round-bottom shape makes them ideal for heating
- Equipped with standard interchangeable joint
- Large labelling field

| Cat No.       | Capacity ml | Socket Size | Pack Size |
|---------------|-------------|-------------|-----------|
| 15.201.0001   | 5           | 10/19       | 10        |
| 15.201.0002   | 5           | 14/23       | 10        |
| 15.201.0003   | 10          | 10/19       | 10        |
| 15.201.0004   | 10          | 14/23       | 10        |
| 15.201.0005   | 25          | 14/23       | 10        |
| 15.201.0010 * | 25          | 19/26       | 10        |
| 15.201.0015 * | 25          | 24/29       | 10        |
| 15.201.0020   | 50          | 14/23       | 10        |
| 15.201.0025   | 50          | 19/26       | 10        |
| 15.201.0030   | 50          | 24/29       | 10        |
| 15.201.0035   | 50          | 29/32       | 10        |
| 15.201.0036   | 50          | 34/35       | 10        |
| 15.201.0040   | 100         | 14/23       | 10        |
| 15.201.0045   | 100         | 19/26       | 10        |
| 15.201.0050   | 100         | 24/29       | 10        |
| 15.201.0055   | 100         | 29/32       | 10        |
| 15.201.0056   | 100         | 34/35       | 10        |
| 15.201.0057   | 150         | 19/26       | 10        |
| 15.201.0058   | 150         | 24/29       | 10        |
| 15.201.0059   | 150         | 29/32       | 10        |
| 15.201.0059A  | 150         | 34/35       | 10        |
| 15.201.0060 * | 250         | 14/23       | 10        |
| 15.201.0065   | 250         | 19/26       | 10        |
| 15.201.0070   | 250         | 24/29       | 10        |
| 15.201.0075   | 250         | 29/32       | 10        |
| 15.201.0080   | 250         | 34/35       | 10        |
| 15.201.0085   | 500         | 19/26       | 10        |
| 15.201.0090   | 500         | 24/29       | 10        |
| 15.201.0095   | 500         | 29/32       | 10        |
| 15.201.0100   | 500         | 34/35       | 10        |
| 15.201.0105 * | 1000        | 19/26       | 6         |
| 15.201.0110   | 1000        | 24/29       | 6         |
| 15.201.0115   | 1000        | 29/32       | 6         |
| 15.201.0120 * | 1000        | 34/35       | 6         |
| 15.201.0125   | 2000        | 24/29       | 6         |
| 15.201.0130   | 2000        | 29/32       | 6         |
| 15.201.0135 * | 2000        | 34/35       | 6         |
| 15.201.0138   | 3000        | 24/29       | 1         |
| 15.201.0140 * | 3000        | 29/32       | 1         |
| 15.201.0145 * | 3000        | 34/35       | 1         |
| 15.201.0147   | 3000        | 40/38       | 1         |
| 15.201.0148   | 5000        | 24/29       | 1         |
| 15.201.0150   | 5000        | 29/32       | 1         |
| 15.201.0155   | 5000        | 34/35       | 1         |
| 15.201.0157   | 5000        | 40/38       | 1         |
| 15.201.0160   | 5000        | 45/40       | 1         |
| 15.201.0162   | 5000        | 50/42       | 1         |
| 15.201.0163   | 5000        | 55/44       | 1         |
| 15.201.0165   | 10000       | 34/35       | 1         |
| 15.201.0168   | 10000       | 40/38       | 1         |
| 15.201.0170   | 10000       | 45/40       | 1         |
| 15.201.0185   | 10000       | 50/42       | 1         |
| 15.201.0190   | 10000       | 55/44       | 1         |
| 15.201.0195   | 20000       | 40/38       | 1         |
| 15.201.0200   | 20000       | 50/42       | 1         |
| 15.201.0205   | 20000       | 55/44       | 1         |

\* Non ISO sizes



### Amber Colour Flasks, Round Bottom, Single Neck

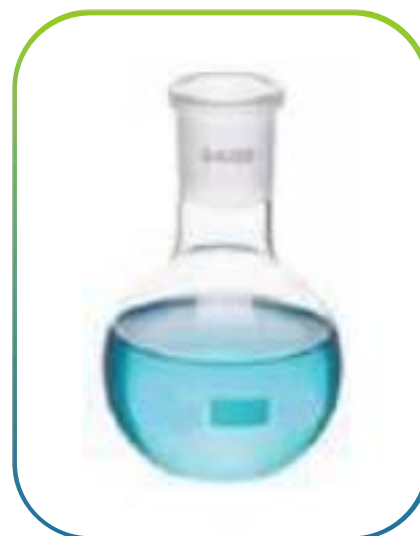
| Cat No.     | Capacity ml | Socket Size | Pack Size |
|-------------|-------------|-------------|-----------|
| 15.203.0025 | 25          | 14/23       | 10        |
| 15.203.0050 | 50          | 24/29       | 10        |
| 15.203.0100 | 100         | 24/29       | 10        |
| 15.203.0150 | 150         | 24/29       | 10        |
| 15.203.0250 | 250         | 24/29       | 10        |
| 15.203.0500 | 500         | 24/29       | 10        |
| 15.203.1000 | 1000        | 24/29       | 6         |
| 15.203.2000 | 2000        | 29/32       | 6         |

### Flask Flat Bottom, Single Neck

- In Compliance to DIN ISO 4797 Standard. Printed in white color
- Uniform wall thickness distribution makes these flasks ideal for heating
- All sizes have a durable matt-finished enamelled area for marking with an ordinary pencil
- Equipped with standard interchangeable joint
- The flat base ensures that the flask can be placed down even without the supporting ring

| Cat No.       | Capacity ml | Socket Size | Pack Size |
|---------------|-------------|-------------|-----------|
| 15.204.0001A  | 5           | 10/19       | 10        |
| 15.204.0001B  | 5           | 14/23       | 10        |
| 15.204.0002A  | 10          | 10/19       | 10        |
| 15.204.0002B  | 10          | 14/23       | 10        |
| 15.204.0003A  | 25          | 14/23       | 10        |
| 15.204.0003B  | 25          | 19/26       | 10        |
| 15.204.0003C  | 25          | 24/29       | 10        |
| 15.204.0004   | 50          | 14/23       | 10        |
| 15.204.0005   | 50          | 19/26       | 10        |
| 15.204.0010   | 50          | 24/29       | 10        |
| 15.204.0015   | 50          | 29/32       | 10        |
| 15.204.0016   | 50          | 34/35       | 10        |
| 15.204.0018   | 100         | 14/23       | 10        |
| 15.204.0020   | 100         | 19/26       | 10        |
| 15.204.0025   | 100         | 24/29       | 10        |
| 15.204.0030   | 100         | 29/32       | 10        |
| 15.204.0032   | 100         | 34/35       | 10        |
| 15.204.0035 * | 150         | 19/26       | 10        |
| 15.204.0040 * | 150         | 24/29       | 10        |
| 15.204.0045 * | 150         | 29/32       | 10        |
| 15.204.0048   | 150         | 34/35       | 10        |
| 15.204.0050   | 250         | 19/26       | 10        |
| 15.204.0055   | 250         | 24/29       | 10        |
| 15.204.0060   | 250         | 29/32       | 10        |
| 15.204.0065   | 250         | 34/35       | 10        |
| 15.204.0067   | 300         | 24/29       | 10        |
| 15.204.0070 * | 500         | 19/26       | 10        |
| 15.204.0075   | 500         | 24/29       | 10        |
| 15.204.0080   | 500         | 29/32       | 10        |
| 15.204.0085   | 500         | 34/35       | 10        |
| 15.204.0090   | 1000        | 24/29       | 6         |
| 15.204.0095   | 1000        | 29/32       | 6         |
| 15.204.0100   | 1000        | 34/35       | 6         |
| 15.204.0105   | 2000        | 24/29       | 6         |
| 15.204.0110   | 2000        | 29/32       | 6         |
| 15.204.0115   | 2000        | 34/35       | 6         |
| 15.204.0120   | 3000        | 24/29       | 1         |
| 15.204.0125   | 3000        | 34/35       | 1         |
| 15.204.0130   | 3000        | 40/38       | 1         |
| 15.204.0135   | 5000        | 24/29       | 1         |
| 15.204.0140   | 5000        | 34/35       | 1         |
| 15.204.0145   | 5000        | 40/38       | 1         |
| 15.204.0150   | 5000        | 45/40       | 1         |
| 15.204.0155   | 5000        | 50/42       | 1         |
| 15.204.0160   | 10000       | 34/35       | 1         |
| 15.204.0165   | 10000       | 40/38       | 1         |
| 15.204.0170   | 10000       | 45/40       | 1         |
| 15.204.0175   | 10000       | 50/42       | 1         |
| 15.204.0180   | 10000       | 55/44       | 1         |
| 15.204.0185   | 20000       | 40/38       | 1         |
| 15.204.0190   | 20000       | 50/42       | 1         |
| 15.204.0195   | 20000       | 55/44       | 1         |

\* Non ISO sizes



### Amber Colour Flasks, Flat Bottom, Single Neck

| Cat No.     | Capacity ml | Socket Size | Pack Size |
|-------------|-------------|-------------|-----------|
| 15.205.0025 | 25          | 14/23       | 10        |
| 15.205.0050 | 50          | 24/29       | 10        |
| 15.205.0100 | 100         | 24/29       | 10        |
| 15.205.0150 | 150         | 24/29       | 10        |
| 15.205.0250 | 250         | 24/29       | 10        |
| 15.205.0500 | 500         | 24/29       | 10        |
| 15.205.1000 | 1000        | 24/29       | 6         |
| 15.205.2000 | 2000        | 29/32       | 6         |

### Flask Round Bottom, Two Necks (Side neck at Angle)

- In Compliance to DIN 12394 Standard. Printed in white color
- Uniform wall thickness distribution and the round-bottom shape makes them ideal for heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes

| Cat No.     | Capacity ml | Socket Center Neck | Socket Side Neck | Pack Size |
|-------------|-------------|--------------------|------------------|-----------|
| 15.208.0002 | 25          | 19/26              | 14/23            | 2         |
| 15.208.0003 | 25          | 24/29              | 19/26            | 2         |
| 15.208.0004 | 50          | 19/26              | 14/23            | 2         |
| 15.208.0005 | 50          | 24/29              | 14/23            | 2         |
| 15.208.0010 | 50          | 29/32              | 14/23            | 2         |
| 15.208.0015 | 100         | 24/29              | 14/23            | 2         |
| 15.208.0020 | 100         | 24/29              | 19/26            | 2         |
| 15.208.0025 | 100         | 29/32              | 14/23            | 2         |
| 15.208.0030 | 250         | 24/29              | 14/23            | 1         |
| 15.208.0035 | 250         | 24/29              | 19/26            | 1         |
| 15.208.0040 | 250         | 29/32              | 14/23            | 1         |
| 15.208.0045 | 500         | 24/29              | 14/23            | 1         |
| 15.208.0050 | 500         | 24/29              | 19/26            | 1         |
| 15.208.0055 | 500         | 29/32              | 14/23            | 1         |
| 15.208.0060 | 1000        | 24/29              | 14/23            | 1         |
| 15.208.0065 | 1000        | 24/29              | 19/26            | 1         |
| 15.208.0070 | 1000        | 29/32              | 14/23            | 1         |
| 15.208.0071 | 1000        | 34/35              | 14/23            | 1         |
| 15.208.0072 | 1000        | 34/35              | 19/26            | 1         |
| 15.208.0073 | 2000        | 24/29              | 19/26            | 1         |
| 15.208.0074 | 2000        | 24/29              | 24/29            | 1         |
| 15.208.0075 | 2000        | 34/35              | 19/26            | 1         |
| 15.208.0080 | 2000        | 34/35              | 24/29            | 1         |
| 15.208.0085 | 3000        | 24/29              | 14/23            | 1         |
| 15.208.0090 | 3000        | 24/29              | 19/26            | 1         |
| 15.208.0095 | 3000        | 24/29              | 24/29            | 1         |
| 15.208.0100 | 3000        | 34/35              | 14/23            | 1         |
| 15.208.0105 | 3000        | 34/35              | 19/26            | 1         |
| 15.208.0110 | 3000        | 34/35              | 24/29            | 1         |
| 15.208.0115 | 5000        | 24/29              | 14/23            | 1         |
| 15.208.0120 | 5000        | 24/29              | 19/26            | 1         |
| 15.208.0125 | 5000        | 24/29              | 24/29            | 1         |
| 15.208.0130 | 5000        | 34/35              | 14/23            | 1         |
| 15.208.0135 | 5000        | 34/35              | 19/26            | 1         |
| 15.208.0140 | 5000        | 34/35              | 24/29            | 1         |
| 15.208.0145 | 5000        | 40/38              | 14/23            | 1         |
| 15.208.0150 | 5000        | 40/38              | 19/26            | 1         |
| 15.208.0155 | 5000        | 40/38              | 24/29            | 1         |
| 15.208.0160 | 10000       | 50/42              | 19/23            | 1         |
| 15.208.0165 | 10000       | 50/42              | 24/29            | 1         |
| 15.208.0170 | 10000       | 50/42              | 34/35            | 1         |
| 15.208.0175 | 10000       | 55/44              | 19/26            | 1         |
| 15.208.0180 | 10000       | 55/44              | 24/29            | 1         |
| 15.208.0185 | 10000       | 55/44              | 34/35            | 1         |
| 15.208.0190 | 20000       | 50/42              | 19/26            | 1         |
| 15.208.0195 | 20000       | 50/42              | 24/29            | 1         |
| 15.208.0200 | 20000       | 50/42              | 34/35            | 1         |
| 15.208.0205 | 20000       | 55/44              | 19/26            | 1         |
| 15.208.0210 | 20000       | 55/44              | 24/29            | 1         |
| 15.208.0215 | 20000       | 55/44              | 34/35            | 1         |



## Flask Round Bottom, Two Necks (Side Neck Parallel)

| Cat No.     | Capacity ml | Socket Center Neck | Socket Side Neck | Pack Size |
|-------------|-------------|--------------------|------------------|-----------|
| 15.210.0020 | 50          | 24/29              | 14/23            | 2         |
| 15.210.0025 | 50          | 29/32              | 14/23            | 2         |
| 15.210.0030 | 100         | 24/29              | 14/23            | 2         |
| 15.210.0035 | 100         | 24/29              | 19/26            | 2         |
| 15.210.0040 | 100         | 29/32              | 14/23            | 2         |
| 15.210.0045 | 250         | 24/29              | 14/23            | 1         |
| 15.210.0050 | 250         | 24/29              | 19/26            | 1         |
| 15.210.0055 | 250         | 29/32              | 14/23            | 1         |
| 15.210.0060 | 500         | 24/29              | 14/23            | 1         |
| 15.210.0065 | 500         | 24/29              | 19/26            | 1         |
| 15.210.0070 | 500         | 29/32              | 14/23            | 1         |
| 15.210.0075 | 1000        | 24/29              | 14/23            | 1         |
| 15.210.0080 | 1000        | 24/29              | 19/26            | 1         |
| 15.210.0085 | 1000        | 29/32              | 14/23            | 1         |
| 15.210.0090 | 1000        | 34/35              | 14/23            | 1         |
| 15.210.0095 | 1000        | 34/35              | 19/26            | 1         |
| 15.210.0100 | 2000        | 24/29              | 19/26            | 1         |
| 15.210.0105 | 2000        | 24/29              | 24/29            | 1         |
| 15.210.0110 | 2000        | 34/35              | 19/26            | 1         |
| 15.210.0115 | 2000        | 34/35              | 24/29            | 1         |
| 15.210.0120 | 3000        | 24/29              | 14/23            | 1         |
| 15.210.0125 | 3000        | 24/29              | 19/26            | 1         |
| 15.210.0130 | 3000        | 24/29              | 24/29            | 1         |
| 15.210.0135 | 3000        | 34/35              | 14/23            | 1         |
| 15.210.0140 | 3000        | 34/35              | 19/26            | 1         |
| 15.210.0145 | 3000        | 34/35              | 24/29            | 1         |
| 15.210.0150 | 5000        | 24/29              | 14/23            | 1         |
| 15.210.0155 | 5000        | 24/29              | 19/26            | 1         |
| 15.210.0160 | 5000        | 24/29              | 24/29            | 1         |
| 15.210.0165 | 5000        | 34/35              | 14/23            | 1         |
| 15.210.0170 | 5000        | 34/35              | 19/26            | 1         |
| 15.210.0175 | 5000        | 34/35              | 24/29            | 1         |
| 15.210.0180 | 5000        | 40/38              | 14/23            | 1         |
| 15.210.0185 | 5000        | 40/38              | 19/26            | 1         |
| 15.210.0190 | 5000        | 40/38              | 24/29            | 1         |
| 15.210.0195 | 10000       | 50/42              | 19/26            | 1         |
| 15.210.0200 | 10000       | 50/42              | 24/29            | 1         |
| 15.210.0205 | 10000       | 50/42              | 34/35            | 1         |
| 15.210.0210 | 10000       | 55/44              | 19/26            | 1         |
| 15.210.0215 | 10000       | 55/44              | 24/29            | 1         |
| 15.210.0220 | 10000       | 55/44              | 34/35            | 1         |
| 15.210.0225 | 20000       | 50/42              | 19/26            | 1         |
| 15.210.0230 | 20000       | 50/42              | 24/29            | 1         |
| 15.210.0235 | 20000       | 50/42              | 34/35            | 1         |
| 15.210.0240 | 20000       | 55/44              | 19/26            | 1         |
| 15.210.0245 | 20000       | 55/44              | 24/29            | 1         |
| 15.210.0250 | 20000       | 55/44              | 34/35            | 1         |



### Flask Round Bottom, Three Necks At Angle

- Printed in white color
- Uniform wall thickness and the round-bottom shape makes them ideal for heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes

| Cat No.     | Capacity ml | Center Socket | Side Sockets | Pack Size |
|-------------|-------------|---------------|--------------|-----------|
| 15.212.0002 | 50          | 19/26         | 14/23        | 2         |
| 15.212.0003 | 50          | 24/29         | 19/26        | 2         |
| 15.212.0005 | 100         | 19/26         | 14/23        | 2         |
| 15.212.0010 | 100         | 24/29         | 14/23        | 2         |
| 15.212.0015 | 100         | 24/29         | 19/26        | 2         |
| 15.212.0020 | 100         | 29/32         | 14/23        | 2         |
| 15.212.0025 | 250         | 19/26         | 19/26        | 1         |
| 15.212.0030 | 250         | 24/29         | 14/23        | 1         |
| 15.212.0035 | 250         | 24/29         | 19/26        | 1         |
| 15.212.0040 | 250         | 29/32         | 14/23        | 1         |
| 15.212.0045 | 250         | 29/32         | 19/26        | 1         |
| 15.212.0050 | 250         | 29/32         | 29/32        | 1         |
| 15.212.0055 | 500         | 24/29         | 14/23        | 1         |
| 15.212.0060 | 500         | 24/29         | 19/26        | 1         |
| 15.212.0065 | 500         | 29/32         | 14/23        | 1         |
| 15.212.0070 | 500         | 29/32         | 19/26        | 1         |
| 15.212.0075 | 500         | 29/32         | 29/32        | 1         |
| 15.212.0080 | 1000        | 24/29         | 14/23        | 1         |
| 15.212.0085 | 1000        | 24/29         | 19/26        | 1         |
| 15.212.0090 | 1000        | 29/32         | 14/23        | 1         |
| 15.212.0095 | 1000        | 29/32         | 19/26        | 1         |
| 15.212.0100 | 1000        | 29/32         | 29/32        | 1         |
| 15.212.0102 | 1000        | 34/35         | 19/26        | 1         |
| 15.212.0105 | 2000        | 24/29         | 19/26        | 1         |
| 15.212.0110 | 2000        | 29/32         | 24/29        | 1         |
| 15.212.0115 | 2000        | 29/32         | 29/32        | 1         |
| 15.212.0125 | 2000        | 34/35         | 19/26        | 1         |
| 15.212.0130 | 2000        | 34/35         | 24/29        | 1         |
| 15.212.0135 | 3000        | 34/35         | 19/26        | 1         |
| 15.212.0140 | 3000        | 34/35         | 24/29        | 1         |
| 15.212.0145 | 5000        | 34/35         | 19/26        | 1         |
| 15.212.0150 | 5000        | 40/38         | 19/26        | 1         |
| 15.212.0155 | 5000        | 50/42         | 19/26        | 1         |
| 15.212.0160 | 5000        | 55/44         | 19/26        | 1         |
| 15.212.0165 | 5000        | 34/35         | 24/29        | 1         |
| 15.212.0170 | 5000        | 40/38         | 24/29        | 1         |
| 15.212.0175 | 5000        | 50/42         | 24/29        | 1         |
| 15.212.0180 | 5000        | 55/44         | 24/29        | 1         |
| 15.212.0185 | 10000       | 34/35         | 19/26        | 1         |
| 15.212.0190 | 10000       | 40/38         | 19/26        | 1         |
| 15.212.0195 | 10000       | 50/42         | 19/26        | 1         |
| 15.212.0200 | 10000       | 55/44         | 19/26        | 1         |
| 15.212.0205 | 10000       | 34/35         | 24/29        | 1         |
| 15.212.0210 | 10000       | 50/42         | 24/29        | 1         |
| 15.212.0215 | 10000       | 55/44         | 24/29        | 1         |
| 15.212.0220 | 20000       | 34/35         | 19/26        | 1         |
| 15.212.0225 | 20000       | 50/42         | 19/26        | 1         |
| 15.212.0230 | 20000       | 55/44         | 19/26        | 1         |
| 15.212.0240 | 20000       | 34/35         | 24/29        | 1         |
| 15.212.0245 | 20000       | 50/42         | 24/29        | 1         |
| 15.212.0250 | 20000       | 55/44         | 24/29        | 1         |

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### Flask Round Bottom, Three Necks Parallel

- In Compliance to DIN 12392 Standard. Printed in white color
- Uniform wall thickness distribution and the round-bottom shape makes them ideal for heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes

| Cat No.     | Capacity ml | Center Socket | Side Sockets | Pack Size |
|-------------|-------------|---------------|--------------|-----------|
| 15.216.0003 | 100         | 24/29         | 14/23        | 2         |
| 15.216.0004 | 250         | 24/29         | 14/23        | 1         |
| 15.216.0005 | 250         | 24/29         | 19/26        | 1         |
| 15.216.0010 | 250         | 29/32         | 14/23        | 1         |
| 15.216.0015 | 250         | 29/32         | 29/32        | 1         |
| 15.216.0017 | 500         | 24/29         | 14/23        | 1         |
| 15.216.0020 | 500         | 24/29         | 19/26        | 1         |
| 15.216.0025 | 500         | 29/32         | 14/23        | 1         |
| 15.216.0030 | 500         | 29/32         | 19/26        | 1         |
| 15.216.0035 | 500         | 29/32         | 29/32        | 1         |
| 15.216.0037 | 1000        | 24/29         | 14/23        | 1         |
| 15.216.0040 | 1000        | 24/29         | 19/26        | 1         |
| 15.216.0045 | 1000        | 29/32         | 14/23        | 1         |
| 15.216.0050 | 1000        | 29/32         | 19/26        | 1         |
| 15.216.0055 | 1000        | 29/32         | 24/29        | 1         |
| 15.216.0060 | 1000        | 29/32         | 29/32        | 1         |
| 15.216.0062 | 1000        | 34/35         | 19/26        | 1         |
| 15.216.0065 | 2000        | 24/29         | 19/26        | 1         |
| 15.216.0070 | 2000        | 29/32         | 19/26        | 1         |
| 15.216.0075 | 2000        | 29/32         | 29/32        | 1         |
| 15.216.0080 | 2000        | 34/35         | 19/26        | 1         |
| 15.216.0085 | 2000        | 34/35         | 24/29        | 1         |
| 15.216.0090 | 2000        | 45/40         | 29/32        | 1         |
| 15.216.0095 | 3000        | 34/35         | 19/26        | 1         |
| 15.216.0100 | 3000        | 34/35         | 24/29        | 1         |
| 15.216.0105 | 5000        | 34/35         | 19/26        | 1         |
| 15.216.0110 | 5000        | 34/35         | 24/29        | 1         |
| 15.216.0115 | 5000        | 40/38         | 19/26        | 1         |
| 15.216.0120 | 5000        | 40/38         | 24/29        | 1         |
| 15.216.0125 | 5000        | 50/42         | 19/26        | 1         |
| 15.216.0130 | 5000        | 50/42         | 24/29        | 1         |
| 15.216.0135 | 5000        | 55/44         | 19/26        | 1         |
| 15.216.0140 | 5000        | 55/44         | 24/29        | 1         |
| 15.216.0145 | 10000       | 34/35         | 19/26        | 1         |
| 15.216.0150 | 10000       | 40/38         | 19/26        | 1         |
| 15.216.0155 | 10000       | 50/42         | 19/26        | 1         |
| 15.216.0160 | 10000       | 55/44         | 19/26        | 1         |
| 15.216.0165 | 10000       | 34/35         | 24/29        | 1         |
| 15.216.0170 | 10000       | 50/42         | 24/29        | 1         |
| 15.216.0175 | 10000       | 55/44         | 24/29        | 1         |
| 15.216.0180 | 20000       | 34/35         | 19/26        | 1         |
| 15.216.0185 | 20000       | 50/42         | 19/26        | 1         |
| 15.216.0190 | 20000       | 55/44         | 19/26        | 1         |
| 15.216.0200 | 20000       | 34/35         | 24/29        | 1         |
| 15.216.0205 | 20000       | 50/42         | 24/29        | 1         |
| 15.216.0210 | 20000       | 55/44         | 24/29        | 1         |

## Round Bottom Flask, Four Necks (Parallel)

| Cat No.     | Capacity ml | Center Socket | Side Sockets | Pack Size |
|-------------|-------------|---------------|--------------|-----------|
| 15.217.0005 | 50          | 24/29         | 24/29        | 1         |
| 15.217.0010 | 100         | 24/29         | 14/23        | 1         |
| 15.217.0015 | 100         | 24/29         | 19/26        | 1         |
| 15.217.0020 | 250         | 19/26         | 19/26        | 1         |
| 15.217.0025 | 250         | 24/29         | 14/23        | 1         |
| 15.217.0030 | 250         | 24/29         | 19/26        | 1         |
| 15.217.0035 | 250         | 29/32         | 14/23        | 1         |
| 15.217.0040 | 250         | 29/32         | 29/32        | 1         |
| 15.217.0045 | 500         | 19/26         | 19/26        | 1         |
| 15.217.0050 | 500         | 24/29         | 14/23        | 1         |
| 15.217.0055 | 500         | 24/29         | 19/26        | 1         |
| 15.217.0065 | 500         | 24/29         | 24/29        | 1         |
| 15.217.0070 | 500         | 29/32         | 14/23        | 1         |
| 15.217.0075 | 500         | 29/32         | 19/26        | 1         |
| 15.217.0080 | 500         | 29/32         | 29/32        | 1         |
| 15.217.0085 | 500         | 34/35         | 24/29        | 1         |
| 15.217.0090 | 1000        | 24/29         | 14/23        | 1         |
| 15.217.0095 | 1000        | 24/29         | 19/26        | 1         |
| 15.217.0100 | 1000        | 24/29         | 24/29        | 1         |
| 15.217.0105 | 1000        | 29/32         | 14/23        | 1         |
| 15.217.0110 | 1000        | 29/32         | 19/26        | 1         |
| 15.217.0115 | 1000        | 29/32         | 24/29        | 1         |
| 15.217.0120 | 1000        | 29/32         | 29/32        | 1         |
| 15.217.0125 | 1000        | 34/35         | 24/29        | 1         |
| 15.217.0130 | 2000        | 24/29         | 14/23        | 1         |
| 15.217.0135 | 2000        | 24/29         | 19/26        | 1         |
| 15.217.0140 | 2000        | 29/32         | 19/26        | 1         |
| 15.217.0145 | 2000        | 29/32         | 29/32        | 1         |
| 15.217.0150 | 2000        | 34/35         | 19/26        | 1         |
| 15.217.0155 | 2000        | 34/35         | 24/29        | 1         |
| 15.217.0160 | 3000        | 34/35         | 19/26        | 1         |
| 15.217.0165 | 3000        | 34/35         | 24/29        | 1         |
| 15.217.0170 | 5000        | 34/35         | 19/26        | 1         |
| 15.217.0175 | 5000        | 34/35         | 24/29        | 1         |
| 15.217.0180 | 10000       | 34/35         | 24/29        | 1         |
| 15.217.0185 | 10000       | 45/40         | 24/29        | 1         |
| 15.217.0190 | 10000       | 55/44         | 24/29        | 1         |
| 15.217.0195 | 20000       | 55/44         | 24/29        | 1         |



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## Round Bottom Flask, Four Necks (At An Angle)

| Cat No.     | Capacity ml | Socket Center Neck | Socket Side Neck | Pack Size |
|-------------|-------------|--------------------|------------------|-----------|
| 15.218.0005 | 50          | 24/29              | 24/29            | 1         |
| 15.218.0010 | 100         | 14/23              | 14/23            | 1         |
| 15.218.0015 | 100         | 19/26              | 14/23            | 1         |
| 15.218.0020 | 100         | 24/29              | 14/23            | 1         |
| 15.218.0025 | 100         | 24/29              | 19/26            | 1         |
| 15.218.0030 | 100         | 29/32              | 14/23            | 1         |
| 15.218.0035 | 250         | 19/26              | 14/23            | 1         |
| 15.218.0040 | 250         | 19/26              | 19/26            | 1         |
| 15.218.0045 | 250         | 24/29              | 14/23            | 1         |
| 15.218.0050 | 250         | 24/29              | 19/26            | 1         |
| 15.218.0055 | 250         | 29/32              | 14/23            | 1         |
| 15.218.0060 | 250         | 29/32              | 19/26            | 1         |
| 15.218.0065 | 250         | 29/32              | 29/32            | 1         |
| 15.218.0070 | 500         | 24/29              | 14/23            | 1         |
| 15.218.0080 | 500         | 24/29              | 19/26            | 1         |
| 15.218.0085 | 500         | 24/29              | 24/29            | 1         |
| 15.218.0090 | 500         | 29/32              | 14/23            | 1         |
| 15.218.0095 | 500         | 29/32              | 19/26            | 1         |
| 15.218.0100 | 500         | 29/32              | 29/32            | 1         |
| 15.218.0105 | 500         | 34/35              | 24/29            | 1         |
| 15.218.0110 | 1000        | 24/29              | 14/23            | 1         |
| 15.218.0115 | 1000        | 24/29              | 19/26            | 1         |
| 15.218.0120 | 1000        | 24/29              | 24/29            | 1         |
| 15.218.0125 | 1000        | 29/32              | 14/23            | 1         |
| 15.218.0130 | 1000        | 29/32              | 19/26            | 1         |
| 15.218.0135 | 1000        | 29/32              | 29/32            | 1         |
| 15.218.0140 | 1000        | 34/35              | 24/29            | 1         |
| 15.218.0145 | 2000        | 24/29              | 14/23            | 1         |
| 15.218.0150 | 2000        | 24/29              | 19/26            | 1         |
| 15.218.0155 | 2000        | 29/32              | 24/29            | 1         |
| 15.218.0160 | 2000        | 29/32              | 29/32            | 1         |
| 15.218.0165 | 2000        | 34/35              | 19/26            | 1         |
| 15.218.0170 | 2000        | 34/35              | 24/29            | 1         |
| 15.218.0175 | 3000        | 34/35              | 19/26            | 1         |
| 15.218.0180 | 3000        | 34/35              | 24/29            | 1         |
| 15.218.0185 | 5000        | 34/35              | 19/26            | 1         |
| 15.218.0190 | 5000        | 34/35              | 24/29            | 1         |
| 15.218.0195 | 10000       | 34/35              | 24/29            | 1         |
| 15.218.0200 | 10000       | 45/40              | 24/29            | 1         |
| 15.218.0205 | 10000       | 55/44              | 24/29            | 1         |
| 15.218.0210 | 20000       | 55/44              | 24/29            | 1         |



## Flasks, Solvent Storage, Glass stopcock

| Cat No.     | Capacity ml | Socket Size | Pack Size |
|-------------|-------------|-------------|-----------|
| 15.219.0025 | 25          | 14/23       | 1         |
| 15.219.0050 | 50          | 14/23       | 1         |
| 15.219.0100 | 100         | 19/26       | 1         |
| 15.219.0250 | 250         | 24/29       | 1         |
| 15.219.0500 | 500         | 24/29       | 1         |

### Flask Pear Shape, Single Neck

- Made of 3,3 borosilicate glass
- The conical shape makes them ideal for small scale reaction
- Large labelling field

| Cat No.      | Capacity ml | Socket Size | Approx Overall Height, mm | Approx Overall Diameter, mm | Pack Size |
|--------------|-------------|-------------|---------------------------|-----------------------------|-----------|
| 15.220.0005A | 5           | 10/19       | 67                        | 23                          | 25        |
| 15.220.0010A | 10          | 10/19       | 75                        | 28                          | 25        |
| 15.220.0010B | 10          | 14/23       | 75                        | 28                          | 25        |
| 15.220.0025A | 25          | 10/19       | 90                        | 38                          | 10        |
| 15.220.0025  | 25          | 14/23       | 90                        | 38                          | 10        |
| 15.220.0050  | 50          | 14/23       | 110                       | 48                          | 10        |
| 15.220.0050B | 50          | 19/26       | 110                       | 48                          | 10        |
| 15.220.0100  | 100         | 14/23       | 125                       | 58                          | 10        |
| 15.220.0100B | 100         | 19/26       | 125                       | 58                          | 10        |
| 15.220.0100C | 100         | 24/29       | 125                       | 58                          | 10        |

### Flask Pear Shape, Two Necks

| Cat No.     | Capacity ml | Socket Center Necks | Socket Side Necks | Pack Size |
|-------------|-------------|---------------------|-------------------|-----------|
| 15.224.0025 | 25          | 14/23               | 14/23             | 1         |
| 15.224.0050 | 50          | 14/23               | 14/23             | 1         |
| 15.224.0100 | 100         | 14/23               | 14/23             | 1         |



### Flask, Evaporating, Florentine

- To be used in Rotary Evaporator. Printed in white color.
- Ideal for heating sensitive solvent solute combinations
- Facilitate the extraction of key components like odour, oil, drugs, natural extract and fragrance

| Cat No.      | Capacity ml | Socket Size | Approx Overall Height, mm | Pack Size |
|--------------|-------------|-------------|---------------------------|-----------|
| 15.248.0050A | 50          | 24/29       | 94                        | 2         |
| 15.248.0050  | 50          | 29/32       | 94                        | 2         |
| 15.248.0100A | 100         | 24/29       | 110                       | 2         |
| 15.248.0100  | 100         | 29/32       | 110                       | 2         |
| 15.248.0250A | 250         | 24/29       | 140                       | 2         |
| 15.248.0250  | 250         | 29/32       | 140                       | 2         |
| 15.248.0500A | 500         | 24/29       | 170                       | 2         |
| 15.248.0500  | 500         | 29/32       | 170                       | 2         |
| 15.248.1000A | 1000        | 24/29       | 210                       | 2         |
| 15.248.1000  | 1000        | 29/32       | 210                       | 2         |
| 15.248.2000  | 2000        | 29/32       | 235                       | 2         |



### Flask, Conical, (Erlenmeyer) With Joint

- Conformity to ISO 4797 Standard. Easy to read scale, printed in white color.
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- Equipped with standard interchangeable joints

| Cat No.     | Capacity ml | Socket Size | O.D. Ht., mm | Pack Size |
|-------------|-------------|-------------|--------------|-----------|
| 15.252.0003 | 25          | 10/19       | 42x70        | 10        |
| 15.252.0005 | 25          | 14/23       | 42x70        | 10        |
| 15.252.0010 | 25          | 19/26       | 42x70        | 10        |
| 15.252.0015 | 50          | 14/23       | 51x85        | 10        |
| 15.252.0020 | 50          | 19/26       | 51x85        | 10        |
| 15.252.0025 | 50          | 24/29       | 51x85        | 10        |
| 15.252.0030 | 50          | 29/32       | 51x85        | 10        |
| 15.252.0035 | 100         | 14/23       | 64x105       | 10        |
| 15.252.0040 | 100         | 19/26       | 64x105       | 10        |
| 15.252.0045 | 100         | 24/29       | 64x105       | 10        |
| 15.252.0050 | 100         | 29/32       | 64x105       | 10        |
| 15.252.0052 | 150         | 19/26       | 72x120       | 10        |
| 15.252.0053 | 150         | 24/29       | 72x120       | 10        |
| 15.252.0054 | 150         | 29/32       | 72x120       | 10        |
| 15.252.0055 | 200         | 29/32       | 80x143       | 10        |
| 15.252.0060 | 250         | 19/26       | 85x135       | 10        |
| 15.252.0065 | 250         | 24/29       | 85x135       | 10        |
| 15.252.0070 | 250         | 29/32       | 85x135       | 10        |
| 15.252.0072 | 250         | 34/35       | 85x135       | 10        |
| 15.252.0075 | 300         | 29/32       | 90x145       | 10        |
| 15.252.0080 | 500         | 19/26       | 105x170      | 10        |
| 15.252.0085 | 500         | 24/29       | 105x170      | 10        |
| 15.252.0090 | 500         | 29/32       | 105x170      | 10        |
| 15.252.0093 | 500         | 34/35       | 105x170      | 10        |
| 15.252.0095 | 1000        | 24/29       | 131x210      | 6         |
| 15.252.0100 | 1000        | 29/32       | 131x210      | 6         |
| 15.252.0105 | 1000        | 34/35       | 131x210      | 6         |
| 15.252.0108 | 2000        | 24/29       | 166x275      | 6         |
| 15.252.0110 | 2000        | 29/32       | 166x275      | 6         |
| 15.252.0120 | 2000        | 34/35       | 166x275      | 6         |

ISO  
4797



Dish Washer  
Durable  
Print

A  
121°C

### Flask, Conical, (Erlenmeyer) With Screw Cap

- Easy to read scale, printed in white color
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- Caps made of PP can be used to close these flasks

| Cat No.      | Capacity ml | Socket Size | Pack Size |
|--------------|-------------|-------------|-----------|
| 15.256.0025  | 25          | 10          | GL-25     |
| 15.256.0050  | 50          | 10          | GL-25     |
| 15.256.0100  | 100         | 10          | GL-25     |
| 15.256.0150  | 150         | 10          | GL-25     |
| 15.256.0250  | 250         | 10          | GL-32     |
| 15.256.0250A | 250         | 10          | GL-45     |
| 15.256.0500  | 500         | 10          | GL-32     |
| 15.256.0500A | 500         | 10          | GL-45     |
| 15.256.1000  | 1000        | 6           | GL-32     |
| 15.256.1000A | 1000        | 6           | GL-45     |
| 15.256.2000  | 2000        | 6           | GL-45     |
| 15.256.5000  | 5000        | 1           | GL-45     |





### Flasks Conical, With Interchangeable Stopper, Hollow

- Easy to read scale, printed in white color
- Uniform wall thickness distribution makes these flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- These Flasks can be closed with a glass stopper

| Cat No.      | Capacity ml | Socket Size | Pack Size |
|--------------|-------------|-------------|-----------|
| 15.260.0025  | 25          | 14/23       | 10        |
| 15.260.0050  | 50          | 19/26       | 10        |
| 15.260.0100E | 100         | 24/29       | 10        |
| 15.260.0100  | 100         | 29/32       | 10        |
| 15.260.0250E | 250         | 24/29       | 10        |
| 15.260.0250  | 250         | 29/32       | 10        |
| 15.260.0500E | 500         | 24/29       | 10        |
| 15.260.0500  | 500         | 29/32       | 10        |
| 15.260.1000E | 1000        | 24/29       | 6         |
| 15.260.1000  | 1000        | 29/32       | 6         |
| 15.260.2000  | 2000        | 29/32       | 6         |



### Amber Color Flask Conical With Interchangeable Stopper, Hollow

| Cat No.     | Capacity ml | Socket Size | Pack Size |
|-------------|-------------|-------------|-----------|
| 15.262.0025 | 25          | 14/23       | 10        |
| 15.262.0050 | 50          | 19/26       | 10        |
| 15.262.0100 | 100         | 29/32       | 10        |
| 15.262.0250 | 250         | 29/32       | 10        |
| 15.262.0500 | 500         | 29/32       | 10        |
| 15.262.1000 | 1000        | 29/32       | 6         |
| 15.262.2000 | 2000        | 29/32       | 6         |



### Flask, Iodine

- For determination of Iodine with ground joint and stopper
- Large labeling field for easy marking
- The handle of the stopper projects above the liquid seal, facilitating its removal

| Cat No.     | Capacity ml | Joint Size | Pack Size |
|-------------|-------------|------------|-----------|
| 15.264.0003 | 100         | 24/29      | 10        |
| 15.264.0005 | 250         | 24/29      | 10        |
| 15.264.0010 | 250         | 29/32      | 10        |
| 15.264.0015 | 500         | 24/29      | 10        |
| 15.264.0020 | 500         | 29/32      | 10        |
| 15.264.0025 | 1000        | 24/29      | 6         |



### Flask Reaction, Wide Neck

- 100 mm i.d., 150 mm o.d. flat flange joint

| Cat No.     | Capacity ml | Pack Size |
|-------------|-------------|-----------|
| 15.268.1000 | 1000        | 1         |
| 15.268.2000 | 2000        | 1         |
| 15.268.3000 | 3000        | 1         |
| 15.268.5000 | 5000        | 1         |
| 15.268.9910 | 10000       | 1         |
| 15.268.9920 | 20000       | 1         |



### Flask, Culture, Haffkine

- In Compliance to IS 7183
- The large, flat bottom surface ensures uniform culture thickness
- Typically used for the preparation of culture in nutrient media

| Cat No.     | Capacity ml | Socket Size | Pack Size |
|-------------|-------------|-------------|-----------|
| 15.280.3000 | 3000*       | 245 x 280   | 2         |
| 15.280.4000 | 4000        | 246 x 310   | 2         |

\* 3000 ml not covered in standards



### Jars, Rectangular, Museum, With Cover Soda Lime Glass

- Not recommended for use over a direct flame or on a hot plate

| Cat No.     | Approx. Height x Length x Breadth mm | Pack Size |
|-------------|--------------------------------------|-----------|
| 15.277.0005 | 140x215x100                          | 1         |
| 15.277.0010 | 210x170x130                          | 1         |
| 15.277.0015 | 220x140x140                          | 1         |
| 15.277.0020 | 225x225x125                          | 1         |
| 15.277.0025 | 250x250x150                          | 1         |



## Weighing Scoop

- Weighing Scoops have an open tubular arm
- Ideal for weighing small quantities of dyes, powder, liquid or semi-solid material

| Cat No.     | Capacity ml | Pack Size |
|-------------|-------------|-----------|
| 15.315.0001 | 1           | 10        |
| 15.315.0002 | 2           | 10        |
| 15.315.0003 | 3           | 10        |
| 15.315.0006 | 6           | 10        |
| 15.315.0010 | 10          | 10        |



## Watch Glass, Soda Lime Glass

| Cat No.    | Diam., mm | Pack Size |
|------------|-----------|-----------|
| CH13090/1A | 35        | 20        |
| CH13090/1  | 50        | 20        |
| CH13090/2  | 65        | 20        |
| CH13090/3  | 75        | 20        |
| CH13090/4  | 80        | 20        |
| CH13090/5  | 100       | 20        |
| CH13090/7  | 120       | 20        |
| CH13090/10 | 150       | 10        |



## Flask For Dissolution Apparatus, Without Side Cut as per USP, with Certificate

- In compliance with requirements of USP Ch. 711
- Smooth base, straight sides and a flat flange
- Graduated in intervals of 50ml
- Used in determination of dissolution characteristics of drugs in capsules and tablets

| Cat No.     | Capacity ml | Approx O.D. x Height mm | Pack Size |
|-------------|-------------|-------------------------|-----------|
| 15.322.1000 | 1000        | 131 x 173               | 6         |
| 15.322.2000 | 2000        | 131 x 285               | 2         |

## Flask For Dissolution Apparatus, With Side Cut as per USP, with Certificate

- In compliance to requirements of USP Ch. 711
- Smooth base, straight sides and a flat flange side-cuts at the flange
- Graduated in intervals of 50ml
- Used in determination of dissolution characteristics of drugs in capsules and tablets

| Cat No.     | Capacity ml | Approx O.D. x Height mm | Pack Size |
|-------------|-------------|-------------------------|-----------|
| 15.324.1000 | 1000        | 124 x 173               | 6         |
| 15.324.2000 | 2000        | 131 x 285               | 2         |



**Amber Flask For Dissolution Apparatus, Without Side Cut as per USP, with Certificate**

- In Compliance with requirements of USP Ch. 711
- Smooth base, straight sides and a flat flange
- Graduated in intervals of 50ml
- Used in determination of dissolution characteristics of drugs in capsules and tablets
- Amber color is applied to reduce UV light penetration

| Cat No.     | Capacity ml | Approx O.D. x Height mm | Pack Size |
|-------------|-------------|-------------------------|-----------|
| 15.326.1000 | 1000        | 131 x 173               | 6         |
| 15.326.2000 | 2000        | 131 x 285               | 2         |

**Amber Flask For Dissolution Apparatus, With Side Cut as per USP, with Certificate**

- In Compliance with requirements of USP Ch. 711
- Smooth base, straight sides and a flat flange side-cuts at the flange
- Graduated in intervals of 50ml
- Used in determination of dissolution characteristics of drugs in capsules and tablets
- Amber color is applied to reduce UV light penetration

| Cat No.     | Capacity ml | Approx O.D. x Height mm | Pack Size |
|-------------|-------------|-------------------------|-----------|
| 15.328.1000 | 1000        | 124 x 173               | 6         |
| 15.328.2000 | 2000        | 124 x 285               | 2         |



## Funnels

**Filter Funnel, Plain, Long Stem**

- In Compliance to ISO / DIN 4798
- Made of thermal shock resistant and chemical resistant Borosilicate 3.3 glass
- Designed with a 60° angle to ensure precise fitting of the filter paper
- Generally used for filtering and decanting liquids of varied densities

| Cat No.     | Length-Stem (Approx) mm | Diam., mm | Pack Size |
|-------------|-------------------------|-----------|-----------|
| 15.301.0025 | 150                     | 25        | 10        |
| 15.301.0038 | 150                     | 38        | 10        |
| 15.301.0050 | 150                     | 50        | 10        |
| 15.301.0065 | 150                     | 65        | 10        |
| 15.301.0075 | 150                     | 75        | 10        |
| 15.301.0100 | 150                     | 100       | 6         |
| 15.301.0125 | 200                     | 125       | 4         |
| 15.301.0150 | 200                     | 150       | 4         |



### Powder Funnel

- Ideal for transferring powders
- Designed with a short wide stem to facilitate smooth flow
- Made of thermal shock resistant and chemical resistant Borosilicate 3.3 glass
- Supplied with ground glass cone for easy fitting on flask

| Cat No.     | Funnel diam. Approx., mm | Cone Size | Pack Size |
|-------------|--------------------------|-----------|-----------|
| 15.308.0005 | 45                       | 14/23     | 10        |
| 15.308.0010 | 70                       | 14/23     | 10        |
| 15.308.0015 | 70                       | 29/32     | 10        |
| 15.308.0020 | 80                       | 29/32     | 10        |
| 15.308.0025 | 100                      | 14/23     | 6         |
| 15.308.0028 | 100                      | 24/29     | 6         |
| 15.308.0030 | 100                      | 29/32     | 6         |
| 15.308.0035 | 125                      | 24/29     | 4         |
| 15.308.0040 | 150                      | 24/29     | 4         |
| 15.310.0055 | 55                       | -         | 10        |
| 15.310.0080 | 80                       | -         | 10        |
| 15.310.0100 | 100                      | -         | 6         |
| 15.310.0125 | 125                      | -         | 4         |
| 15.310.0150 | 150                      | -         | 4         |



### Filter Funnel, Plain, Short Stem

- Complies with ISO / DIN 4798
- Made of thermal shock resistant and chemical resistant Borosilicate 3.3 glass
- Designed with a 60° bowl angle to ensure precise fitting of the filter paper
- Generally used for filtering and decanting liquids of varied densities

| Cat No.     | Diam., mm | Pack Size |
|-------------|-----------|-----------|
| 15.304.0025 | 25        | 10        |
| 15.304.0038 | 38        | 10        |
| 15.304.0050 | 50        | 10        |
| 15.304.0065 | 65        | 10        |
| 15.304.0075 | 75        | 10        |
| 15.304.0100 | 100       | 6         |
| 15.304.0125 | 125       | 4         |
| 15.304.0150 | 150       | 4         |





# Separating Funnel



### Separating Funnel With I/C Polypropylene Stopper, Squibb Shape

- In Compliance to IS 1575/ISO 4800 Standard. Printed in white color
- Made of Borosilicate 3.3 glass
- Squibb shape
- Generally used in the separation phase

| Cat No.     | Capacity ml | Neck Size | Stopcock Type     | Pack Size |
|-------------|-------------|-----------|-------------------|-----------|
| 15.401.0030 | 30*         | 14/23     | Glass Screw Cap   | 2         |
| 15.401.0060 | 60          | 19/26     | Glass Screw Cap   | 2         |
| 15.401.0125 | 125         | 19/26     | Glass Screw Cap   | 2         |
| 15.401.0250 | 250         | 29/32     | Glass Screw Cap   | 2         |
| 15.401.0500 | 500         | 29/32     | Glass Screw Cap   | 2         |
| 15.401.1000 | 1000        | 29/32     | Glass Screw Cap   | 1         |
| 15.401.2000 | 2000        | 29/32     | Glass Screw Cap   | 1         |
| 15.403.0030 | 30*         | 14/23     | PTFE Needle valve | 2         |
| 15.403.0060 | 60          | 19/26     | PTFE Needle valve | 2         |
| 15.403.0125 | 125         | 19/26     | PTFE Needle valve | 2         |
| 15.403.0250 | 250         | 29/32     | PTFE Needle valve | 2         |
| 15.403.0500 | 500         | 29/32     | PTFE Needle valve | 2         |
| 15.403.1000 | 1000        | 29/32     | PTFE Needle valve | 1         |
| 15.403.2000 | 2000        | 29/32     | PTFE Needle valve | 1         |
| 15.405.0030 | 30*         | 14/23     | PTFE Key          | 2         |
| 15.405.0060 | 60          | 19/26     | PTFE Key          | 2         |
| 15.405.0125 | 125         | 19/26     | PTFE Key          | 2         |
| 15.405.0250 | 250         | 29/32     | PTFE Key          | 2         |
| 15.405.0500 | 500         | 29/32     | PTFE Key          | 2         |
| 15.405.1000 | 1000        | 29/32     | PTFE Key          | 1         |
| 15.405.2000 | 2000        | 29/32     | PTFE Key          | 1         |

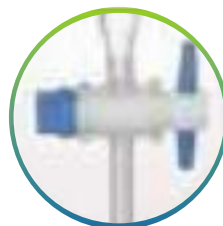
\*Non IS/ISO Size



**Glass  
Stopcock**



**Rotaflo  
Stopcock**



**PTFE Key  
Stopcock**

## Amber Colour Separating Funnels, Interchangeable Stopper, Squib Shape, Plain Stem

| Cat No.     | Capacity ml | Pack Size | Stopcock Type  |
|-------------|-------------|-----------|----------------|
| 15.417.0030 | 30          | 4         | Glass Stopcock |
| 15.417.0060 | 60          | 4         | Glass Stopcock |
| 15.417.0125 | 125         | 4         | Glass Stopcock |
| 15.417.0250 | 250         | 4         | Glass Stopcock |
| 15.417.0500 | 500         | 4         | Glass Stopcock |
| 15.417.1000 | 1000        | 4         | Glass Stopcock |
| 15.417.2000 | 2000        | 2         | Glass Stopcock |
| 15.418.0030 | 30          | 4         | PTFE Key       |
| 15.418.0060 | 60          | 4         | PTFE Key       |
| 15.418.0125 | 125         | 4         | PTFE Key       |
| 15.418.0250 | 250         | 4         | PTFE Key       |
| 15.418.0500 | 500         | 4         | PTFE Key       |
| 15.418.1000 | 1000        | 4         | PTFE Key       |
| 15.418.2000 | 2000        | 2         | PTFE Key       |



## Separating Funnel With I/C Polypropylene Stopper, Globe Shape

\* In Compliance to IS 1575/ISO 4800 Standard

| Cat No.     | Capacity ml | Neck Size | Stopcock Type     | Pack Size |
|-------------|-------------|-----------|-------------------|-----------|
| 15.421.0025 | 25*         | 14/23     | Glass Screw Cap   | 2         |
| 15.421.0050 | 50          | 19/26     | Glass Screw Cap   | 2         |
| 15.421.0100 | 100         | 19/26     | Glass Screw Cap   | 2         |
| 15.421.0250 | 250         | 29/32     | Glass Screw Cap   | 2         |
| 15.421.0500 | 500         | 29/32     | Glass Screw Cap   | 2         |
| 15.421.1000 | 1000        | 29/32     | Glass Screw Cap   | 1         |
| 15.421.2000 | 2000        | 29/32     | Glass Screw Cap   | 1         |
| 15.421.3000 | 3000        | 34/35     | Glass Screw Cap   | 1         |
| 15.421.5000 | 5000        | 34/35     | Glass Screw Cap   | 1         |
| 15.421.9910 | 10000       | 34/35     | Glass Screw Cap   | 1         |
| 15.421.9920 | 20000       | 34/35     | Glass Screw Cap   | 1         |
| 15.423.0025 | 25*         | 14/23     | PTFE Needle Valve | 2         |
| 15.423.0050 | 50          | 19/26     | PTFE Needle Valve | 2         |
| 15.423.0100 | 100         | 19/26     | PTFE Needle Valve | 2         |
| 15.423.0250 | 250         | 29/32     | PTFE Needle Valve | 2         |
| 15.423.0500 | 500         | 29/32     | PTFE Needle Valve | 2         |
| 15.423.1000 | 1000        | 29/32     | PTFE Needle Valve | 1         |
| 15.423.2000 | 2000        | 29/32     | PTFE Needle Valve | 1         |
| 15.425.0025 | 25*         | 14/23     | PTFE Key          | 2         |
| 15.425.0050 | 50          | 19/26     | PTFE Key          | 2         |
| 15.425.0100 | 100         | 19/26     | PTFE Key          | 2         |
| 15.425.0250 | 250         | 29/32     | PTFE Key          | 2         |
| 15.425.0500 | 500         | 29/32     | PTFE Key          | 2         |
| 15.425.1000 | 1000        | 29/32     | PTFE Key          | 1         |
| 15.425.2000 | 2000        | 29/32     | PTFE Key          | 1         |

\*Non IS/ISO Size

### Dropping Funnel, Cylindrical With I/C Polypropylene Stopper

\* In Compliance to IS 1575/ISO 4800 Standard. Printed in white color

| Cat No.     | Capacity ml | Neck Size | Pack Size | Stopcock Type   |
|-------------|-------------|-----------|-----------|-----------------|
| 15.448.0002 | 25*         | 14/23     | 2         | Glass Screw Cap |
| 15.448.0005 | 50          | 14/23     | 2         | Glass Screw Cap |
| 15.448.0015 | 100         | 14/23     | 2         | Glass Screw Cap |
| 15.448.0020 | 100         | 29/32     | 2         | Glass Screw Cap |
| 15.448.0025 | 250         | 29/32     | 1         | Glass Screw Cap |
| 15.448.0030 | 500         | 29/32     | 1         | Glass Screw Cap |
| 15.448.0035 | 1000        | 29/32     | 1         | Glass Screw Cap |

\*Non IS/ISO Size



### Dropping Funnel, Cylindrical, Graduated With I/C Polypropylene Stopper

\* In Compliance to IS 1575/ISO 4800 Standard. Printed in white color

| Cat No.     | Capacity ml | Neck Size | Pack Size | Stopcock Type     |
|-------------|-------------|-----------|-----------|-------------------|
| 15.465.0002 | 25*         | 14/23     | 2         | Glass Screw Cap   |
| 15.465.0005 | 50          | 14/23     | 2         | Glass Screw Cap   |
| 15.465.0015 | 100         | 14/23     | 2         | Glass Screw Cap   |
| 15.465.0020 | 100         | 29/32     | 2         | Glass Screw Cap   |
| 15.465.0025 | 250         | 29/32     | 1         | Glass Screw Cap   |
| 15.465.0030 | 500         | 29/32     | 1         | Glass Screw Cap   |
| 15.465.0035 | 1000        | 29/32     | 1         | Glass Screw Cap   |
| 15.468.0002 | 25*         | 14/23     | 2         | PTFE Needle Valve |
| 15.468.0005 | 50          | 14/23     | 2         | PTFE Needle Valve |
| 15.468.0015 | 100         | 14/23     | 2         | PTFE Needle Valve |
| 15.468.0020 | 100         | 29/32     | 2         | PTFE Needle Valve |
| 15.468.0025 | 250         | 29/32     | 1         | PTFE Needle Valve |
| 15.468.0030 | 500         | 29/32     | 1         | PTFE Needle Valve |
| 15.468.0035 | 1000        | 29/32     | 1         | PTFE Needle Valve |

\*Non IS/ISO Size



## Dropping Funnel, Cylindrical, With Stem Inside Cone, Graduated

| Cat No.     | Capacity ml | Neck Size | Pack Size | Stopcock Type  |
|-------------|-------------|-----------|-----------|----------------|
| 15.472.0005 | 50          | 14/23     | 2         | Glass stopcock |
| 15.472.0010 | 50          | 29/32     | 2         | Glass stopcock |
| 15.472.0015 | 100         | 14/23     | 2         | Glass stopcock |
| 15.472.0020 | 100         | 29/32     | 2         | Glass stopcock |
| 15.472.0025 | 250         | 29/32     | 1         | Glass stopcock |
| 15.472.0030 | 500         | 29/32     | 1         | Glass stopcock |
| 15.472.0035 | 1000        | 29/32     | 1         | Glass stopcock |
| 15.474.0005 | 50          | 14/23     | 2         | PTFE Key       |
| 15.474.0010 | 50          | 29/32     | 2         | PTFE Key       |
| 15.474.0015 | 100         | 14/23     | 2         | PTFE Key       |
| 15.474.0020 | 100         | 29/32     | 2         | PTFE Key       |
| 15.474.0025 | 250         | 29/32     | 1         | PTFE Key       |
| 15.474.0030 | 500         | 29/32     | 1         | PTFE Key       |
| 15.474.0035 | 1000        | 29/32     | 1         | PTFE Key       |



## Pressure Equalizing Funnel, Cylindrical, With Polypropylene Stopper, Stem With Cone

• Printed in white color

| Cat No.     | Capacity ml | Socket Size | Cone Size | Pack Size | Stopcock Type   |
|-------------|-------------|-------------|-----------|-----------|-----------------|
| 15.480.0005 | 50          | 14/23       | 14/23     | 2         | Glass Screw Cap |
| 15.480.0010 | 50          | 29/32       | 29/32     | 2         | Glass Screw Cap |
| 15.480.0015 | 100         | 14/23       | 14/23     | 2         | Glass Screw Cap |
| 15.480.0020 | 100         | 29/32       | 29/32     | 2         | Glass Screw Cap |
| 15.480.0025 | 250         | 29/32       | 29/32     | 1         | Glass Screw Cap |
| 15.480.0030 | 500         | 29/32       | 29/32     | 1         | Glass Screw Cap |
| 15.482.0005 | 50          | 14/23       | 14/23     | 2         | PTFE Key        |
| 15.482.0010 | 50          | 29/32       | 29/32     | 2         | PTFE Key        |
| 15.482.0015 | 100         | 14/23       | 14/23     | 2         | PTFE Key        |
| 15.482.0020 | 100         | 29/32       | 29/32     | 2         | PTFE Key        |
| 15.482.0025 | 250         | 29/32       | 29/32     | 1         | PTFE Key        |
| 15.482.0030 | 500         | 29/32       | 29/32     | 1         | PTFE Key        |



## Pressure Equalizing Funnel, Pear Shape, Glass Stopcock and Stem With Cone

• Printed in white color

| Cat No.      | Capacity ml | Socket Size | Cone Size | Pack Size |
|--------------|-------------|-------------|-----------|-----------|
| 15.485.0050  | 50          | 14/23       | 14/23     | 1         |
| 15.485.0100  | 100         | 14/23       | 14/23     | 1         |
| 15.485.0250  | 250         | 29/32       | 29/32     | 1         |
| 15.485.0250B | 250         | 24/29       | 24/29     | 1         |
| 15.485.0500  | 500         | 29/32       | 29/32     | 1         |
| 15.485.0500B | 500         | 24/29       | 24/29     | 1         |





### Dessicator, With Cover, Neutral Glass With Porcelain Plate

| Cat No.     | Dia., mm | Pack Size |
|-------------|----------|-----------|
| 19.101.0160 | 160      | 1         |
| 19.101.0210 | 210      | 1         |
| 19.101.0250 | 250      | 1         |
| 19.101.0300 | 300      | 1         |



### Dessicator, Vacuum Neutral Glass With Porcelain Plate

| Cat No.     | Dia., mm | Pack Size |
|-------------|----------|-----------|
| 19.104.0160 | 160      | 1         |
| 19.104.0210 | 210      | 1         |
| 19.104.0250 | 250      | 1         |
| 19.104.0300 | 300      | 1         |



### Dish, Crystallizing, Without Spout

- Fire-polished rims to reduce chipping
- High resistance to chemical attack and thermal shock

| Cat No.     | O.D., mm | Ht., mm | Pack size |
|-------------|----------|---------|-----------|
| 19.105.0040 | 40       | 25      | 4         |
| 19.105.0050 | 50       | 30      | 4         |
| 19.105.0060 | 60       | 35      | 4         |
| 19.105.0070 | 70       | 40      | 4         |
| 19.105.0080 | 80       | 45      | 4         |
| 19.105.0100 | 100      | 50      | 4         |
| 19.105.0150 | 150      | 75      | 1         |
| 19.105.0190 | 190      | 100     | 1         |



**Dish, Crystallizing, With Spout**

- Fire-polished rims to reduce chipping
- High resistance to chemical attack and thermal shock

| Cat No.     | O.D., mm | Ht., mm | Pack size |
|-------------|----------|---------|-----------|
| 19.108.0040 | 40       | 25      | 4         |
| 19.108.0050 | 50       | 30      | 4         |
| 19.108.0060 | 60       | 35      | 4         |
| 19.108.0070 | 70       | 40      | 4         |
| 19.108.0080 | 80       | 45      | 4         |
| 19.108.0100 | 100      | 50      | 4         |
| 19.108.0150 | 150      | 75      | 1         |
| 19.108.0190 | 190      | 100     | 1         |

**Dishes Evaporating, Flat Bottom, With Spout, Made of 3.3 Borosilicate Glass High Resistance to Thermal Shock and Chemical Attack**

| Cat No.     | Approx. O.D. x Ht. mm. | Pack Size |
|-------------|------------------------|-----------|
| 19.109.0010 | 80 x 45                | 10        |
| 19.109.0020 | 105 x 55               | 10        |
| 19.109.0030 | 150 x 80               | 10        |
| 19.109.0040 | 200 x 100              | 5         |

**Amber Color Petri Dishes, Boro3.3 Glass**

- Ideal for use in Lab work
- Even wall thickness
- Can be sterilized repeatedly

| Cat No.      | Size D x H (mm) | Top ID x H (mm) | Bottom OD x H (mm) | Pack Size |
|--------------|-----------------|-----------------|--------------------|-----------|
| 19.111.0050D | 50x17           | 52x15           | 50x17              | 10        |
| 19.111.0075  | 75x17           | 78x15           | 75x17              | 10        |
| 19.111.0080D | 80x17           | 83x15           | 80x17              | 10        |
| 19.111.0100D | 100x17          | 103x15          | 100x17             | 10        |

### Petri Dish, Complete With Cover Boro 3.3 Glass

- Ideal for use in Lab work
- Even wall thickness
- Can be sterilized repeatedly

| Cat No.      | Size<br>D x H (mm) | Top<br>ID x H (mm) | Bottom<br>OD x H (mm) | Pack<br>Size |
|--------------|--------------------|--------------------|-----------------------|--------------|
| 19.112.0050D | 50x17              | 52x15              | 50x17                 | 10           |
| 19.112.0075  | 75x17              | 78x15              | 75x17                 | 10           |
| 19.112.0080D | 80x17              | 83x15              | 80x17                 | 10           |
| 19.112.0100D | 100x17             | 103x15             | 100x17                | 10           |
| 19.112.0150D | 150x20             | 153x17             | 150x20                | 10           |
| 19.112.0200D | 200x20             | 203x17             | 200x20                | 10           |



### Glass Spreader

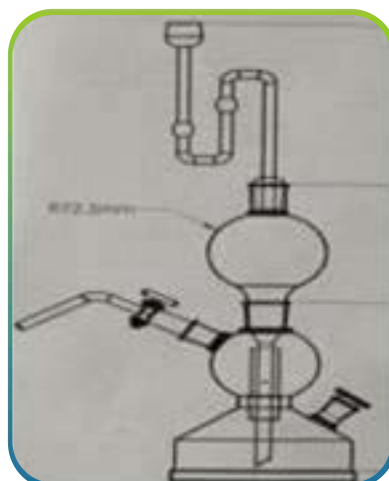
| Cat No.     | Description                     | Pack Size |
|-------------|---------------------------------|-----------|
| 19.114.0005 | Spreader L Shape                | 10        |
| 19.114.0015 | Spreader Lower Portion at angle | 10        |
| 19.114.0025 | Spreader Triangular 50mm        | 10        |



### Gas Generator, Kipp's With Ground Glass Joints - Complete With Delivery Tube, Thistle Funnel And Glass Stopcock

- Manufactured from Borosilicate 3.3 glass
- Used to produce common gases
- Simple to operate and assemble

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.160.0250 | 250          | 1         |
| 12.160.0500 | 500          | 1         |
| 12.160.1000 | 1000         | 1         |



## Sintered Glassware



# Sintered Glass

## Sintered Glass Filter Disc

Used extensively for filtration of both liquids or gases. In four ranges as detailed below.

| Grade | Porosity | Pore Size | General Use  |
|-------|----------|-----------|--|
| 1     | 90-150   |           | Coarse precipitate, filtration, gas dispersion, coarse grain material filtration.  |
| 2     | 40-90    |           | Medium & crystalline precipitate filtration, medium filtration & washing of gases  |
| 3     | 15-40    |           | Fine gas filtration and dispersion, mercury filtration, fine grain material filtration, collection of fine precipitates. Analytical work with medium precipitates. |
| 4     | 5-15     |           | Waves of mercury collection of very fine precipitates. Analytical work with fine precipitates.   |

## Crucible, Gooch Type With Sintered Disc of Porosity Grade 1 or 2 or 3 or 4

| Cat No.     | Capacity ml | Disc, dia. mm | Pack Size | Grade   |
|-------------|-------------|---------------|-----------|---------|
| 18.101.0005 | 15          | 20            | 10        | Grade 1 |
| 18.101.0010 | 30          | 30            | 10        | Grade 1 |
| 18.101.0015 | 50          | 40            | 10        | Grade 1 |
| 18.101.0020 | 15          | 20            | 10        | Grade 2 |
| 18.101.0025 | 30          | 30            | 10        | Grade 2 |
| 18.101.0030 | 50          | 40            | 10        | Grade 2 |
| 18.101.0035 | 15          | 20            | 10        | Grade 3 |
| 18.101.0040 | 30          | 30            | 10        | Grade 3 |
| 18.101.0045 | 50          | 40            | 10        | Grade 3 |
| 18.101.0050 | 15          | 20            | 10        | Grade 4 |
| 18.101.0055 | 30          | 30            | 10        | Grade 4 |
| 18.101.0060 | 50          | 40            | 10        | Grade 4 |



## Buchner Funnel With Sintered Disc of Porosity Grade 1 or 2 or 3 or 4

| Cat No.     | Capacity ml | Disc, dia. mm | Pack Size | Grade   |
|-------------|-------------|---------------|-----------|---------|
| 18.104.0005 | 35          | 30            | 2         | Grade 1 |
| 18.104.0010 | 80          | 40            | 2         | Grade 1 |
| 18.104.0020 | 200         | 65            | 1         | Grade 1 |
| 18.104.0025 | 500         | 90            | 1         | Grade 1 |
| 18.104.0030 | 1000        | 120           | 1         | Grade 1 |
| 18.104.0040 | 35          | 30            | 2         | Grade 2 |
| 18.104.0045 | 80          | 40            | 2         | Grade 2 |
| 18.104.0055 | 200         | 65            | 1         | Grade 2 |
| 18.104.0060 | 500         | 90            | 1         | Grade 2 |
| 18.104.0065 | 1000        | 120           | 1         | Grade 2 |
| 18.104.0075 | 35          | 30            | 2         | Grade 3 |
| 18.104.0080 | 80          | 40            | 2         | Grade 3 |
| 18.104.0090 | 200         | 65            | 1         | Grade 3 |
| 18.104.0095 | 500         | 90            | 1         | Grade 3 |
| 18.104.0100 | 1000        | 120           | 1         | Grade 3 |
| 18.104.0110 | 35          | 30            | 2         | Grade 4 |
| 18.104.0115 | 80          | 40            | 2         | Grade 4 |
| 18.104.0125 | 200         | 65            | 1         | Grade 4 |
| 18.104.0130 | 500         | 90            | 1         | Grade 4 |
| 18.104.0135 | 1000        | 120           | 1         | Grade 4 |





## Buchner Funnel With Sintered Disc of Porosity Grade 1 or 2 or 3 or 4, Cone on Stem

| Cat No.     | Capacity ml | Disc, dia. mm | Cone Size | Pack Size | Grade   |
|-------------|-------------|---------------|-----------|-----------|---------|
| 18.108.0005 | 35          | 30            | 14/23     | 2         | Grade 1 |
| 18.108.0007 | 35          | 30            | 19/26     | 2         | Grade 1 |
| 18.108.0010 | 80          | 40            | 14/23     | 2         | Grade 1 |
| 18.108.0012 | 80          | 40            | 19/26     | 2         | Grade 1 |
| 18.108.0020 | 200         | 65            | 19/26     | 1         | Grade 1 |
| 18.108.0022 | 200         | 65            | 24/29     | 1         | Grade 1 |
| 18.108.0025 | 500         | 90            | 19/26     | 1         | Grade 1 |
| 18.108.0027 | 500         | 90            | 29/32     | 1         | Grade 1 |
| 18.108.0030 | 1000        | 120           | 24/29     | 1         | Grade 1 |
| 18.108.0032 | 1000        | 120           | 29/32     | 1         | Grade 1 |
| 18.108.0035 | 35          | 30            | 14/23     | 2         | Grade 2 |
| 18.108.0037 | 35          | 30            | 19/26     | 2         | Grade 2 |
| 18.108.0040 | 80          | 40            | 14/23     | 2         | Grade 2 |
| 18.108.0042 | 80          | 40            | 19/26     | 2         | Grade 2 |
| 18.108.0050 | 200         | 65            | 19/26     | 1         | Grade 2 |
| 18.108.0052 | 200         | 65            | 24/29     | 1         | Grade 2 |
| 18.108.0055 | 500         | 90            | 19/26     | 1         | Grade 2 |
| 18.108.0057 | 500         | 90            | 29/32     | 1         | Grade 2 |
| 18.108.0060 | 1000        | 120           | 24/29     | 1         | Grade 2 |
| 18.108.0062 | 1000        | 120           | 29/32     | 1         | Grade 2 |
| 18.108.0065 | 35          | 30            | 14/23     | 2         | Grade 3 |
| 18.108.0067 | 35          | 30            | 19/26     | 2         | Grade 3 |
| 18.108.0070 | 80          | 40            | 14/23     | 2         | Grade 3 |
| 18.108.0072 | 80          | 40            | 19/26     | 2         | Grade 3 |
| 18.108.0080 | 200         | 65            | 19/26     | 1         | Grade 3 |
| 18.108.0082 | 200         | 65            | 24/29     | 1         | Grade 3 |
| 18.108.0085 | 500         | 90            | 19/26     | 1         | Grade 3 |
| 18.108.0087 | 500         | 90            | 29/32     | 1         | Grade 3 |
| 18.108.0090 | 1000        | 120           | 24/29     | 1         | Grade 3 |
| 18.108.0092 | 1000        | 120           | 29/32     | 1         | Grade 3 |
| 18.108.0095 | 35          | 30            | 14/23     | 2         | Grade 4 |
| 18.108.0097 | 35          | 30            | 19/26     | 2         | Grade 4 |
| 18.108.0100 | 80          | 40            | 14/23     | 2         | Grade 4 |
| 18.108.0102 | 80          | 40            | 19/26     | 2         | Grade 4 |
| 18.108.0110 | 200         | 65            | 19/26     | 1         | Grade 4 |
| 18.108.0112 | 200         | 65            | 24/29     | 1         | Grade 4 |
| 18.108.0115 | 500         | 90            | 19/26     | 1         | Grade 4 |
| 18.108.0117 | 500         | 90            | 29/32     | 1         | Grade 4 |
| 18.108.0120 | 1000        | 120           | 24/29     | 1         | Grade 4 |
| 18.108.0122 | 1000        | 120           | 29/32     | 1         | Grade 4 |



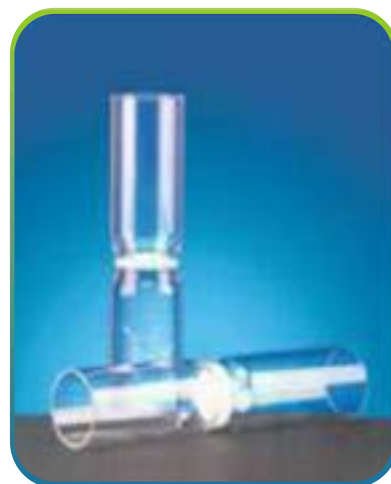
## Conical Filter, (Hirsch Type) With Sintered Disc of Porosity Grade 1 or 2 or 3 or 4

| Cat No.     | Capacity ml | Disc, dia. mm | Pack Size | Grade   |
|-------------|-------------|---------------|-----------|---------|
| 18.112.0005 | 20          | 20            | 2         | Grade 1 |
| 18.112.0010 | 60          | 30            | 2         | Grade 1 |
| 18.112.0015 | 175         | 30            | 2         | Grade 1 |
| 18.112.0020 | 20          | 20            | 2         | Grade 2 |
| 18.112.0025 | 60          | 30            | 2         | Grade 2 |
| 18.112.0030 | 175         | 30            | 2         | Grade 2 |
| 18.112.0035 | 20          | 20            | 2         | Grade 3 |
| 18.112.0040 | 60          | 30            | 2         | Grade 3 |
| 18.112.0045 | 175         | 30            | 2         | Grade 3 |
| 18.112.0050 | 20          | 20            | 2         | Grade 4 |
| 18.112.0055 | 60          | 30            | 2         | Grade 4 |
| 18.112.0060 | 175         | 30            | 2         | Grade 4 |



Sintered Glass Filter Tube With Sintered Disc Sealed In Center, Porosity Grade 1 or 2 or 3 or 4

| Cat No.     | Disc, dia. mm | Pack Size | Grade   |
|-------------|---------------|-----------|---------|
| 18.116.0005 | 10            | 2         | Grade 1 |
| 18.116.0010 | 20            | 2         | Grade 1 |
| 18.116.0015 | 30            | 2         | Grade 1 |
| 18.116.0020 | 45            | 2         | Grade 1 |
| 18.116.0025 | 50            | 2         | Grade 1 |
| 18.116.0030 | 90            | 2         | Grade 1 |
| 18.116.0035 | 10            | 2         | Grade 2 |
| 18.116.0040 | 20            | 2         | Grade 2 |
| 18.116.0045 | 30            | 2         | Grade 2 |
| 18.116.0050 | 45            | 2         | Grade 2 |
| 18.116.0055 | 50            | 2         | Grade 2 |
| 18.116.0060 | 90            | 2         | Grade 2 |
| 18.116.0065 | 10            | 2         | Grade 3 |
| 18.116.0070 | 20            | 2         | Grade 3 |
| 18.116.0075 | 30            | 2         | Grade 3 |
| 18.116.0080 | 45            | 2         | Grade 3 |
| 18.116.0085 | 50            | 2         | Grade 3 |
| 18.116.0090 | 90            | 2         | Grade 3 |
| 18.116.0095 | 10            | 2         | Grade 4 |
| 18.116.0100 | 20            | 2         | Grade 4 |
| 18.116.0105 | 30            | 2         | Grade 4 |
| 18.116.0110 | 45            | 2         | Grade 4 |
| 18.116.0115 | 50            | 2         | Grade 4 |
| 18.116.0120 | 90            | 2         | Grade 4 |



Filtering Tube With Sintered Disc, Sealed in Center With Reduced Ends, (Pipe Line Filter) Porosity Grade 1 or 2 or 3 or 4

| Cat No.     | Disc, dia. mm | Pack Size | Grade   |
|-------------|---------------|-----------|---------|
| 18.120.0005 | 30            | 2         | Grade 1 |
| 18.120.0010 | 40            | 2         | Grade 1 |
| 18.120.0015 | 50            | 2         | Grade 1 |
| 18.120.0020 | 65            | 2         | Grade 1 |
| 18.120.0025 | 90            | 2         | Grade 1 |
| 18.120.0030 | 30            | 2         | Grade 2 |
| 18.120.0035 | 40            | 2         | Grade 2 |
| 18.120.0040 | 50            | 2         | Grade 2 |
| 18.120.0045 | 65            | 2         | Grade 2 |
| 18.120.0050 | 90            | 2         | Grade 2 |
| 18.120.0055 | 30            | 2         | Grade 3 |
| 18.120.0060 | 40            | 2         | Grade 3 |
| 18.120.0065 | 50            | 2         | Grade 3 |
| 18.120.0070 | 65            | 2         | Grade 3 |
| 18.120.0075 | 90            | 2         | Grade 3 |
| 18.120.0080 | 30            | 2         | Grade 4 |
| 18.120.0085 | 40            | 2         | Grade 4 |
| 18.120.0090 | 50            | 2         | Grade 4 |
| 18.120.0095 | 65            | 2         | Grade 4 |
| 18.120.0100 | 90            | 2         | Grade 4 |



### Filtering Apparatus Complete With Filter Flask, With Socket, Buchner Funnel With Sintered Disc Cone. of Porosity Grade 1 Having Cone

| Cat No.     | Flask Capacity, ml | Crucible Capacity, ml | Joint | Pack Size |
|-------------|--------------------|-----------------------|-------|-----------|
| 18.122.0250 | 250                | 80                    | 24/29 | 1         |
| 18.122.0500 | 500                | 200                   | 24/29 | 1         |
| 18.122.1000 | 1000               | 500                   | 29/32 | 1         |
| 18.122.2000 | 2000               | 1000                  | 29/32 | 1         |



### Glass Filter Holder With Silicon Stopper **A**

- Made of borosilicate 3.3 glass with fritted glass filter base
- The filtration base has a high quality silicon stopper
- Anodised aluminium spring clamp for good grip
- The filter size is 25mm & 47 mm
- Facilitates analysis of particulate or biological contamination of vacuum filtering liquid
- The scaled funnels simplify dosing and analysis

| Cat No.     | Membrane Dia. | Funnel Capacity, ml | Flask Capacity, ml | Pack Size |
|-------------|---------------|---------------------|--------------------|-----------|
| 18.144.0125 | 25            | 15                  | 125                | 1         |
| 18.144.1000 | 47            | 300                 | 1000               | 1         |
| 18.144.2000 | 47            | 300                 | 2000               | 1         |



### Spares For Glass Filter Holder With Silicon Stopper

| Cat No.       | Membrane Dia. | Description   | Pack Size |
|---------------|---------------|---|-----------|
| 18.144.0125-1 | 15            | Funnel for 25 mm filter holder                          | 1         |
| 18.144.0125-2 | 25            | Clamp for 25 mm filter holder                           | 1         |
| 18.144.0125-3 | 25            | Fritted glass base with stopper for 25 mm filter holder | 1         |
| 18.144.0125-4 | 125           | Flask for 25 mm filter holder                           | 1         |
| 18.144.1000-1 | 300 <b>B</b>  | Funnel for 47 mm filter holder                          | 1         |
| 18.144.1000-2 | 47 <b>C</b>   | Clamp for 47 mm filter holder                           | 1         |
| 18.144.1000-3 | 47 <b>D</b>   | Fritted glass base with stopper for 47 mm filter holder | 1         |
| 18.144.1000-4 | 1000          | Flask for 47 mm filter holder                           | 1         |
| 18.144.2000-1 | 2000          | Flask for 47 mm filter holder                           | 1         |

### All Glass Filter Holder - 47 mm, Filtration Assembly

- Made of borosilicate 3.3 glass with fritted glass filter base
- Anodised aluminium spring clamp
- The filter size is 47mm
- Used for filtration of HPLC solvents and aqueous mobile phase solutions and buffers
- The scaled funnels simplify dosing and analysis

| Cat No.     | Membrane Dia. mm | Funnel Capacity, ml | Flask Capacity, ml | Pack Size |
|-------------|------------------|---------------------|--------------------|-----------|
| 18.147.0500 | 47               | 300                 | 500                | 1         |
| 18.147.1000 | 47               | 300                 | 1000               | 1         |
| 18.147.2000 | 47               | 300                 | 2000               | 1         |

### Spares For All Glass Filter Holder - 47 mm, Filtration Assembly

| Cat No.       | Specification | Description   | Pack Size |
|---------------|---------------|---|-----------|
| 18.147.0500-1 | 300 ml        | Funnel for 47 mm filter holder                        | 1         |
| 18.147.0500-2 | 47 mm         | Clamp for 47 mm filter holder                         | 1         |
| 18.147.0500-3 | 47 mm         | Fritted glass base with Joint for 47 mm filter holder | 1         |
| 18.147.0500-4 | 500 ml        | Flask for 47 mm filter holder                         | 1         |
| 18.147.1000-4 | 1000 ml       | Flask for 47 mm filter holder                         | 1         |
| 18.147.2000-4 | 2000 ml       | Flask for 47 mm filter holder                         | 1         |

### Bottle Filtration Assembly

- Supertek Bottle Filtration Assembly is the right product for filtering Solvents, Chemical Solutions, Biological Solutions without the risk of Spillage during transferring it from flask. Direct Filtration into the bottle also ensures freedom from contamination.
- The Assembly is fully Autoclavable.

#### Components of the Assembly

| Cat No. | Item Name        | Material           | Size              |
|---------|------------------|--------------------|-------------------|
| A       | Funnel           | Borosilicate Glass | 300 ml            |
| B       | Membrane Support | Borosilicate Glass | 47 MM             |
| C       | Clamp            | Aluminium          |                   |
| D       | Stopper          | Silicon            |                   |
| E       | Adappter         | Polypropylene      | GL 45             |
| F       | Bottle           | Borosilicate       | 1000/2000/5000 ml |

| Cat No.     | Capacity ml | Pack Size |
|-------------|-------------|-----------|
| 18.150.1000 | 1000        | 1         |
| 18.150.2000 | 2000        | 1         |
| 18.150.3000 | 5000        | 1         |

Best Seller



New



### Filter Holders, Stainless Steel (To Hold Membrane Filters)

- Material - Stainless Steel

| Cat No.     | Capacity ml                    | Pack Size |
|-------------|--------------------------------|-----------|
| 18.200.0010 | Vacuum Filter Holder 47 mm     | 1         |
| 18.210.0030 | 3 Branch Sterility Test, 47 mm | 1         |
| 18.210.0050 | 6 Branch Sterility Test, 47 mm | 1         |



### Supertek E-Funnel

- Supertek E-funnel is an easy to use pre-sterilized, individually packed disposable filtration device, specially designed to help facilitate and speed up microbial analysis of antibiotics and drugs containing bacteriostats in pharmaceutical API and formulation industries.

E-Funnel has a convenient design with a detachable 100ml funnel and pluggable bottom for ease of sample collection and transfer to laboratory. In-built 0.45µm Edge Hydrophobic Cellulose Nitrate membrane.

#### Specifications:

Pore Size : 0.45µm

Water Flow Rate : 20ml/min at 250mm Hg Vacuum

Sterilization : EO

Diameter : 47mm

| Cat No.     | Pack Size |
|-------------|-----------|
| 18.234.0100 | 100       |



### Supertek Vacuum Filter Holder

- Material - Polysulfone (PSU)
- Filter Size - 47 mm
- Capacity - 250ml
- Seal - Silicon
- Stop Cork- 8 No. Size

| Cat No.     | Pack Size |
|-------------|-----------|
| 18.238.0250 | 1         |





### Oil Free Portable Vacuum Pumps (Diaphragm Type)

| Cat No.                                       | Flow (LPM)                      | Vacuum | Motor (hp) | Pressure (Psi) | Pack Size |
|---|---------------------------------|--------|------------|----------------|-----------|
| 18.240.0010                                   | 15                              | 22"    | 1/20       | 25             | 1         |
| 18.240.0020                                   | 15                              | 27"    | 1/16       | 35             | 1         |
| 18.240.0030                                   | 15                              | 22"    | 1/8        | 25             | 1         |
| 18.240.0040                                   | 50                              | 27"    | 1/4        | 55             | 1         |
| Chemical Resistant Pump, value made of Teflon |                                 |        |            |                |           |
| 18.242.0010                                   | 30                              | 22"    | 1/8        | 35             | 1         |
| 18.242.0020                                   | 60                              | 27"    | 1/4        | 55             | 1         |
| Accessories                                   |                                 |        |            |                |           |
| 18.242.0010-1                                 | CRP Vacuum gauge with regulator |        |            |                |           |
| 18.242.0010-2                                 | Moisture Trap                   |        |            |                |           |



### Supertek Sterility Test Unit Complete Kit (Inbuilt Clamp)

- Filter Funnel S.S.316 with inbuilt Aluminium Clamp
- S. S. lid & Neoprene Cork
- Manifold three place S.S. with PTFE valve/2 way
- Membrane Filter 47 mm/0.45  $\mu$ m, pack of 100
- Vacuum flask 1 litre
- Vacuum pump diaphragm type-oil free single stage
- Air vent filter- Hydrophobic PTFE 50 mm/ 0.2  $\mu$ m
- Flexible Silicon Tubing 2 mtr.

| Cat No.     | Funnel Cap.(ml) | Pack Size |
|-------------|-----------------|-----------|
| 18.245.0300 | 300             | 1         |
| 18.245.0500 | 500             | 1         |



### Supertek Sterility Test Unit Complet Kit (External Clamp)

- Filter Funnel S.S.316 with External Aluminum Clamp (o-ring less)
- S. S. lid & Neoprene Cork
- Manifold three place S.S. with PTFE valve/2 way
- Membrane Filter 47 mm/0.45  $\mu$ m, pack of 100
- Vacuum flask 1 litre
- Vacuum pump diaphragm type-oil free
- Air vent filter- Hydrophobic PTFE 50 mm/ 0.2  $\mu$ m
- Flexible Silicon Tubing 2 mtr.

| Cat No.     | Funnel Cap.(ml) | Pack Size |
|-------------|-----------------|-----------|
| 18.248.0300 | 300             | 1         |
| 18.248.0500 | 500             | 1         |



# Bottles



**Bottles**  
**Your choice for Safe Containment**

# Bottles

## Bottle, Reagent Interchangeable Flat Head Glass Stopper, Narrow Mouth, Clear

- In Compliance to ISO 4796(Part II) /I.S.1388 (Part II) Standard
- These narrow mouth reagent storage bottles have a sturdy ground neck.
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Printed in white color.

| Cat No.     | Capacity ml | Neck Stopper Size | O.D. Ht., mm | Pack Size |
|-------------|-------------|-------------------|--------------|-----------|
| 12.150.0030 | 30          | 14/23             | 36x78        | 12        |
| 12.150.0060 | 60*         | 14/23             | 42x90        | 12        |
| 12.150.0100 | 100         | 14/23             | 55x95        | 12        |
| 12.150.0125 | 125*        | 19/26             | 55x120       | 12        |
| 12.150.0250 | 250         | 19/26             | 70x128       | 12        |
| 12.150.0500 | 500         | 24/29             | 86x162       | 6         |
| 12.150.1000 | 1000        | 29/32             | 107x198      | 4         |
| 12.150.2000 | 2000        | 29/32             | 133x246      | 2         |
| 12.150.3000 | 3000        | 34/35             | 150x300      | 1         |

\*Non ISO/IS Sizes

Best Seller



## Bottle, Reagent Interchangeable Glass Stopper, Narrow Mouth, Amber

- In Compliance to ISO 4796(Part II) /I.S.1388(Part II) Standard
- These narrow mouth reagent storage bottles have a sturdy ground neck.
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- The uniform Amber colour is durable and has high chemical resistance
- Used with light-sensitive media and for the storage of substances
- Printed in white color.

| Cat No.     | Capacity ml | Neck Stopper Size | O.D. Ht., mm | Pack Size |
|-------------|-------------|-------------------|--------------|-----------|
| 12.151.0030 | 30*         | 14/23             | 36x78        | 12        |
| 12.151.0060 | 60*         | 14/23             | 42x90        | 12        |
| 12.151.0100 | 100         | 14/23             | 55x95        | 12        |
| 12.151.0125 | 125*        | 19/26             | 55x120       | 12        |
| 12.151.0250 | 250         | 19/26             | 70x128       | 12        |
| 12.151.0500 | 500         | 24/29             | 86x162       | 6         |
| 12.151.1000 | 1000        | 29/32             | 107x198      | 4         |
| 12.151.2000 | 2000        | 29/32             | 133x246      | 2         |

\*Non ISO/IS Sizes



### Bottle, Reagent, Heavy Duty, Graduated with Interchangeable Flat Head Glass Stopper, Narrow Mouth, Clear

- These narrow mouth reagent storage bottles have a sturdy ground neck
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Printed in white color

| Cat No.     | Capacity ml | Neck Stopper Size | O.D. Ht., mm | Pack Size |
|-------------|-------------|-------------------|--------------|-----------|
| 12.180.0100 | 100         | 14/23             | 56x100       | 10        |
| 12.180.0250 | 250         | 19/26             | 70x145       | 10        |
| 12.180.0500 | 500         | 24/29             | 86x173       | 10        |
| 12.180.1000 | 1000        | 29/32             | 101x225      | 6         |
| 12.180.2000 | 2000        | 29/32             | 136x260      | 2         |



### Bottle, Reagent, Heavy Duty, Graduated with Interchangeable Glass Stopper, Narrow Mouth, Amber

- These narrow mouth reagent storage bottles have a sturdy ground neck
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- The uniform Amber colour is durable and has high chemical resistance
- Used with light-sensitive media and for the storage of substances
- Printed in white color

| Cat No.     | Capacity ml | Neck Stopper Size | O.D. Ht., mm | Pack Size |
|-------------|-------------|-------------------|--------------|-----------|
| 12.181.0100 | 100         | 14/23             | 56x100       | 10        |
| 12.181.0250 | 250         | 19/26             | 70x145       | 10        |
| 12.181.0500 | 500         | 24/29             | 86x173       | 10        |
| 12.181.1000 | 1000        | 29/32             | 101x225      | 6         |
| 12.181.2000 | 2000        | 29/32             | 136x260      | 2         |



### Bottle, Reagent, With Screw Cap, Clear

- In Compliance to ISO 4796(Part I) / I.S.1388(Part I) Standard
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Pouring ring for drip-free operation
- The screw caps and pouring ring are made of high grade PP
- The bottles, screw caps and pouring rings can be sterilized and autoclavable
- Printed in white color

| Cat No.     | Capacity ml        | Thread Specification | O.D. Ht., mm | Pack Size |
|-------------|--------------------|----------------------|--------------|-----------|
| 12.108.0010 | 10 <sup>ml</sup>   | GL 25                | 34x50        | 10        |
| 12.108.0025 | 25 <sup>ml</sup>   | GL 25                | 36x70        | 10        |
| 12.108.0050 | 50 <sup>ml</sup>   | GL 32                | 46x87        | 10        |
| 12.108.0100 | 100                | GL 45                | 56x100       | 10        |
| 12.108.0250 | 250                | GL 45                | 70x138       | 10        |
| 12.108.0500 | 500                | GL 45                | 86x176       | 10        |
| 12.108.1000 | 1000               | GL 45                | 101x225      | 6         |
| 12.108.2000 | 2000               | GL 45                | 136x260      | 2         |
| 12.108.3000 | 3000 <sup>**</sup> | GL 45                | 166x285      | 1         |
| 12.108.5000 | 5000               | GL 45                | 181x330      | 1         |
| 12.108.9910 | 10000              | GL 45                | 227x410      | 1         |
| 12.108.9920 | 20000              | GL 45                | 288x505      | 1         |

# Without Pouring Ring

\*\* Non ISO/IS Sizes





### Bottle, Reagent, With Screw Cap, Amber

- In Compliance to ISO 4796(Part I) / I.S. 1388(Part I) Standard
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Pouring ring for drip-free operation
- The screw caps and pouring ring are made of high grade PP
- The bottles, screw caps and pouring rings can be sterilized and autoclavable
- Printed in white color

| Cat No.     | Capacity ml     | Thread Specification | O.D. Ht., mm | Pack Size |
|-------------|-----------------|----------------------|--------------|-----------|
| 12.112.0010 | 10*             | GL 25                | 34x50        | 10        |
| 12.112.0025 | 25              | GL 25                | 36x70        | 10        |
| 12.112.0050 | 50 <sup>†</sup> | GL 32                | 46x87        | 10        |
| 12.112.0100 | 100             | GL 45                | 56x100       | 10        |
| 12.112.0250 | 250             | GL 45                | 70x138       | 10        |
| 12.112.0500 | 500             | GL 45                | 86x176       | 10        |
| 12.112.1000 | 1000            | GL 45                | 101x225      | 6         |
| 12.112.2000 | 2000            | GL 45                | 136x260      | 2         |
| 12.112.3000 | 3000**          | GL 45                | 166x285      | 1         |
| 12.112.5000 | 5000            | GL 45                | 181x330      | 1         |
| 12.112.9910 | 10000           | GL 45                | 227x410      | 1         |
| 12.112.9920 | 20000           | GL 45                | 288x505      | 1         |

# Without Pouring Ring

\*\*Non ISO/IS Sizes



DIN ISO  
4796-1

### Bottle, Reagent, Long Neck, Heavy Duty with Screw Cap, Clear

- In Compliance to ISO 4796(Part I) / I.S. 1388(Part I) Standard
- Special Shape for Easy holding & comfortable movement
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- The screw caps and pouring ring are made of high grade PP
- The bottles, screw caps and pouring rings can be sterilized and autoclavable
- Printed in white color

| Cat No.     | Capacity ml | Thread Specification | O.D. Ht., mm | Pack Size |
|-------------|-------------|----------------------|--------------|-----------|
| 12.109.3000 | 3000        | GL-45                | 158x300      | 1         |
| 12.109.5000 | 5000        | GL-45                | 181x330      | 1         |



### Reagent Bottle Clear, Extra Wide Mouth With Polypropylene Screw Cap And With Pouring Ring, Repeatedly Autoclaveable, Graduated

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance

| Cat No.     | Capacity ml | DIN Thread | Pack Size |
|-------------|-------------|------------|-----------|
| 12.106.5000 | 5000        | GL80       | 1         |
| 12.106.9910 | 10000       | GL80       | 1         |
| 12.106.9920 | 20000       | GL80       | 1         |





### Reagent Bottle Amber Colour, Extra Wide Mouth With Polypropylene Screw Cap & Pouring Ring, Repeatedly Autoclaveable, Graduated

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- The uniform Amber colour is durable and has high chemical resistance
- Used with light-sensitive media and for the storage of substances

| Cat No.     | Capacity ml | DIN Thread | Pack Size |
|-------------|-------------|------------|-----------|
| 12.107.5000 | 5000        | GL80       | 1         |
| 12.107.9910 | 10000       | GL80       | 1         |
| 12.107.9920 | 20000       | GL80       | 1         |



### Caps, PP Screw Cap with Pouring Ring for Laboratory Reagent Bottles

- Autoclavable upto 140°C
- Made of high grade polypropylene

| Cat No.     | Capacity ml | DIN Thread | Pack Size |
|-------------|-------------|------------|-----------|
| 12.103.0005 | Blue        | GL 45      | 10        |
| 12.103.0010 | Orange      | GL 45      | 10        |
| 12.103.0015 | Yellow      | GL 45      | 10        |
| 12.103.0020 | Green       | GL 45      | 10        |
| 12.103.0025 | Grey        | GL 45      | 10        |
| 12.103.0030 | Blue        | GL 25      | 10        |
| 12.103.0035 | Blue        | GL 32      | 10        |



### Bottle, McCartney (Bijou) Narrow Mouth, Clear Neutral Glass, Autoclavable, With Aluminium Screw Cap and Rubber Liner

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.124.0007 | 7            | 500       |
| 12.124.0014 | 14           | 400       |

### Bottle, Mc Cartney (Bijou) Universal, Wide Mouth, Clear Neutral Glass, Autoclaveable, With Aluminium Cap And Rubber Washer

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.128.0028 | 28           | 400       |



Dish Washer  
Durable  
Print

### Bottle, Dropping Bottle With Rubber Teat, Dropping Pipette Ground Into Bottle Neck, Clear

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Supplied with interchangeable ground joint transparent pipette with rubber teat
- Printed in white color

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.116.0030 | 30           | 12        |
| 12.116.0060 | 60           | 12        |
| 12.116.0125 | 125          | 12        |
| 12.116.0250 | 250          | 12        |



### Bottle, Dropping Bottle With Rubber Teat, Dropping Pipette Ground Into Bottle Neck, Amber

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- The uniform Amber colour is durable and has high chemical resistance
- Supplied with interchangeable ground joint transparent pipette with rubber teat
- Printed in white color

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.120.0030 | 30           | 12        |
| 12.120.0060 | 60           | 12        |
| 12.120.0125 | 125          | 12        |
| 12.120.0250 | 250          | 12        |



### Bottles, Solution, Amber, Tooled Neck

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Properties within the bottle remain unchanged, as the colour is applied only on the external surface
- Protects media from light radiation with a wave-length between 300nm and 500nm
- Ideal for use with light-sensitive media and for long-term storage of substances

| Cat No.     | Capacity ml | Approx Neck I.D. mm | Pack Size |
|-------------|-------------|---------------------|-----------|
| 12.110.0250 | 250         | 18                  | 10        |
| 12.110.0500 | 500         | 23                  | 10        |
| 12.110.1000 | 1000        | 28                  | 6         |
| 12.110.2000 | 2000        | 33                  | 2         |



### Bottles, Solution, Plain, Tooled Neck

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance

| Cat No.     | Capacity ml | DIN Thread | Pack Size |
|-------------|-------------|------------|-----------|
| 12.129.0250 | 250         | 18         | 10        |
| 12.129.0500 | 500         | 23         | 10        |
| 12.129.1000 | 1000        | 28         | 10        |
| 12.129.2000 | 2000        | 33         | 10        |
| 12.129.3000 | 3000        | 44         | 1         |
| 12.129.5000 | 5000        | 44         | 1         |
| 12.129.9910 | 10000       | 54         | 1         |
| 12.129.9920 | 20000       | 54         | 1         |



### Roux, Culture Bottle, Off-Set Neck

- Complies with IS6942
- Neck ID-25mm approx
- It withstands repeated sterilization (wet or dry)

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.122.1000 | 1000         | 20        |



### BOD Bottles

- These bottles are used for determining oxygen demand in samples of sewage, industrial waste, polluted water or any other sample, diluted samples are incubated in the bottles and analyzed. Its stoppers are designed to prevent air entrapment and flared mouth forms a water seal to prevent intrusion of air.
- Superlek brand BOD bottles are manufactured from Boro 3.3 glass as per ASTM E-438 type 1, Class A standard. These bottles have a large permanent marking space for labeling of bottle numbers.

### BOD Bottles

- In Compliance to I.S.9213
- Printed in white color.

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.174.0060 | 60           | 6         |
| 12.174.0125 | 125*         | 6         |
| 12.174.0300 | 300          | 2         |

\*Non ISO/IS Sizes



### Aspirator Bottle GL 45 With Screw Cap and Stopcock

• Printed in white color

| Cat No.     | Capacity, ml | Socket Size | Pack Size |
|-------------|--------------|-------------|-----------|
| 12.155.1000 | 1000         | 14/23       | 1         |
| 12.155.2000 | 2000         | 19/26       | 1         |
| 12.155.3000 | 3000         | 24/29       | 1         |
| 12.155.5000 | 5000         | 29/32       | 1         |
| 12.155.9910 | 10000        | 29/32       | 1         |
| 12.155.9920 | 20000        | 29/32       | 1         |



### Aspirator Bottle GL 45 With Screw Cap and Tubulation

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.156.0250 | 250          | 1         |
| 12.156.0500 | 500          | 1         |
| 12.156.1000 | 1000         | 1         |
| 12.156.2000 | 2000         | 1         |
| 12.156.5000 | 5000         | 1         |



### Washing Bottle - Flat Bottom Flask With Stopper And Inlet & Outlet Glass Tubes

- These bottles are mechanically strong and chemical resistant
- All sizes have a enameled area for marking
- Printed in white color

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.164.0250 | 250          | 1         |
| 12.164.0500 | 500          | 1         |
| 12.164.1000 | 1000         | 1         |
| 12.164.2000 | 2000         | 1         |
| 12.164.5000 | 5000         | 1         |
| 12.164.9910 | 10000        | 1         |



## Spare Head, For Flask Type Wash Bottles

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.164.0005 | 250          | 2         |
| 12.164.0010 | 500          | 2         |
| 12.164.0015 | 1000         | 2         |



## Bottles, Only For Flask Type Washing Bottles

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.165.0125 | 250          | 2         |
| 12.165.0250 | 500          | 2         |
| 12.165.0500 | 1000         | 2         |



## Gas Washing Bottle, Dreschel's

Inlet and outlet tubes in a stopper which fits the bottle having interchangeable 29/32 ground glass joint.

- These bottles are strong and chemical resistant
- All sizes have a enameled area for marking
- Printed in white color

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.168.0125 | 125          | 1         |
| 12.168.0250 | 250          | 1         |
| 12.168.0500 | 500          | 1         |





## Spare Head, For Dreschel's Gas Wash Bottles

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.168.0005 | 125          | 2         |
| 12.168.0010 | 250          | 2         |
| 12.168.0015 | 500          | 2         |



## Bottles, Only For Dreschel's Gas Washing Bottles

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.169.0125 | 125          | 2         |
| 12.169.0250 | 250          | 2         |
| 12.169.0500 | 500          | 2         |



## Weighing Bottle, Squat Form

| Cat No.     | Dia., x Ht., mm (Approx) | Socket Size | Pack Size |
|-------------|--------------------------|-------------|-----------|
| 12.136.4030 | 40 x 30                  | 20          | 10        |
| 12.136.5025 | 50 x 25                  | 15          | 10        |
| 12.136.5035 | 50 x 35                  | 25          | 10        |
| 12.136.5050 | 50 x 50                  | 50          | 10        |
| 12.136.6040 | 60 x 40                  | 40          | 10        |



**Weighing Bottle, Tall Form**

- These bottles are strong and chemical resistant
- Made of borosilicate glass 3.3

| Cat No.     | Dia., x Ht., mm (Approx) | Capacity, ml | Pack Size |
|-------------|--------------------------|--------------|-----------|
| 12.140.2040 | 20 x 40                  | 5            | 10        |
| 12.140.2560 | 25 x 60                  | 15           | 10        |
| 12.140.3060 | 30 x 60                  | 25           | 10        |
| 12.140.4090 | 40 x 90                  | 60           | 10        |

**Amber Color Weighing Bottle, Squat Form**

| Cat No.     | Dia., x Ht., mm (Approx) | Capacity, ml | Pack Size |
|-------------|--------------------------|--------------|-----------|
| 12.137.4030 | 40 x 30                  | 20           | 10        |
| 12.137.5025 | 50 x 25                  | 15           | 10        |
| 12.137.5035 | 50 x 35                  | 25           | 10        |
| 12.137.5050 | 50 x 50                  | 50           | 10        |
| 12.137.6040 | 60 x 40                  | 40           | 10        |

**Amber Color Weighing Bottle, Tall Form**

| Cat No.     | Dia., x Ht., mm (Approx) | Capacity, ml | Pack Size |
|-------------|--------------------------|--------------|-----------|
| 12.138.4020 | 20 x 40                  | 5            | 10        |
| 12.138.6025 | 25 x 60                  | 15           | 10        |
| 12.138.6030 | 30 x 60                  | 25           | 10        |
| 12.138.9040 | 40 x 90                  | 60           | 10        |

**Specific Gravity Bottles, Weld With Cap**

| Cat No.     | Capacity, ml | Inner Joint | Outer Joint | Pack Size |
|-------------|--------------|-------------|-------------|-----------|
| 12.141.0010 | 10           | 10/19       | 14/23       | 6         |
| 12.141.0025 | 25           | 10/19       | 14/23       | 6         |
| 12.141.0050 | 50           | 10/19       | 14/23       | 6         |



### Pyknometer, Gay- Lussac (S.G. Bottle), Un Calibrated

- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.130.0005 | 5*           | 2         |
| 12.130.0010 | 10           | 2         |
| 12.130.0020 | 20           | 2         |
| 12.130.0025 | 25           | 2         |
| 12.130.0050 | 50           | 2         |
| 12.130.0100 | 100          | 2         |

\* with glass stopper

### Pyknometer, Gay- Lussac (S.G. Bottle), Calibrated, Class A

- In Compliance to ISO 3507
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance

| Cat No.     | Capacity ml. | Tolerance $\pm$ ml. | Pack Size |
|-------------|--------------|---------------------|-----------|
| 12.142.0005 | 5*           | 0.1                 | 1         |
| 12.142.0010 | 10           | 0.3                 | 1         |
| 12.142.0020 | 20           | 0.8                 | 1         |
| 12.142.0025 | 25           | 0.8                 | 1         |
| 12.142.0050 | 50           | 1.0                 | 1         |
| 12.142.0100 | 100          | 2.0                 | 1         |

\* with glass stopper

### Pyknometer, Gay- Lussac (S.G. Bottle), Calibrated, Class A, With NABL Works Certificate

| Cat No.     | Capacity ml. | Tolerance $\pm$ ml. | Pack Size |
|-------------|--------------|---------------------|-----------|
| 12.139.0005 | 5*           | 0.1                 | 1         |
| 12.139.0010 | 10           | 0.3                 | 1         |
| 12.139.0020 | 20           | 0.8                 | 1         |
| 12.139.0025 | 25           | 0.8                 | 1         |
| 12.139.0050 | 50           | 1.0                 | 1         |
| 12.139.0100 | 100          | 2.0                 | 1         |

\* with glass stopper



### Pyknometer With Ground-in Thermometer

- In Compliance to ISO 3507
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Supplied with thermometer (0°C to 50°C)

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.134.0010 | 10           | 1         |
| 12.134.0025 | 25           | 1         |
| 12.134.0050 | 50           | 1         |
| 12.134.0100 | 100          | 1         |

### Pyknometer With Ground-in Thermometer, Class A With Individual Works Certificate

- In Compliance to ISO 3507
- Labeling field for easy marking
- Manufactured from 3.3 Borosilicate Glass for corrosion-free performance
- Supplied with thermometer (0°C to 50°C)
- With thermometer certificate

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 12.145.0010 | 10           | 1         |
| 12.145.0025 | 25           | 1         |
| 12.145.0050 | 50           | 1         |
| 12.145.0100 | 100          | 1         |



## Heating Mantle Multi Position



# Distillation Apparatus

## Moisture Determination Apparatus, Dean & Stark

Comprises of a boiling flask, reflux condenser and graduated receiver with glass stopcock

| Cat No.       | Receiver Capacity ml. | Flask Capacity ml. | Pack Size |
|---------------|-----------------------|--------------------|-----------|
| 16.410.0250   | 2                     | 250                | 1         |
| 16.410.0500   | 5                     | 500                | 1         |
| 16.410.1000   | 10                    | 1000               | 1         |
| 16.410.1000-1 | 25                    | 1000               | 1         |

## Moisture Determination Apparatus, Dean & Stark, With NABL Certificate

Comprises of a boiling flask, reflux condenser and graduated receiver with glass stopcock. With NABL Certificate

| Cat No.       | Receiver Capacity ml. | Flask Capacity ml. | Pack Size |
|---------------|-----------------------|--------------------|-----------|
| 16.412.0250   | 2                     | 250                | 1         |
| 16.412.0500   | 5                     | 500                | 1         |
| 16.412.1000   | 10                    | 1000               | 1         |
| 16.412.1000-1 | 25                    | 1000               | 1         |



## Essential Oil Determination Apparatus (Clevenger Type)

- Vertical tube joins with condenser and measuring tube with stopcock
- Return tube connects the bottom of the measuring tube and the vertical tube

| Cat No.     | Flask Capacity ml. | Pack Size |
|-------------|--------------------|-----------|
| 16.426.1000 | 1000               | 1         |
| 16.426.2000 | 2000               | 1         |
| 16.426.3000 | 3000               | 1         |
| 16.426.5000 | 5000               | 1         |
| 16.426.9910 | 10000              | 1         |
| 16.426.9920 | 20000              | 1         |



## Clevenger Apparatus

- This Apparatus is ideal for determination of volatile oil lighter than water
- Consists of 1000 ml. flask, 2ml Receiver with stopcock and condenser

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.428.1000 | 1         |

Spare Receivers available on Request



### Clevenger Apparatus

- This apparatus is ideal for determination of volatile oil heavier than water.
- Consists of 1000 ml. flask, Receiver with stopcock and condenser

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.430.1000 | 1         |



### Distillation Apparatus

- Comprises of 2000 ml Flask, Friedrich Condenser and Stopper.

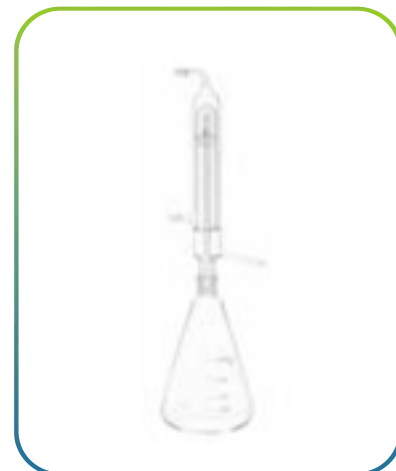
| Cat No.     | Pack Size |
|-------------|-----------|
| 16.458.2000 | 1         |



### Distillation Apparatus, Compact

- Comprises of 1000ml Erlenmeyer Flask and Friedrich Condenser

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.460.1000 | 1         |



### Reflux Assemblies

- Comprises of Round Bottom Flask and Air Condenser

| Cat No.     | Flask Capacity ml. | Condenser effective length mm | Pack Size |
|-------------|--------------------|-------------------------------|-----------|
| 16.464.0100 | 100                | 500                           | 1         |
| 16.464.0250 | 250                | 750                           | 1         |
| 16.464.0500 | 500                | 1000                          | 1         |



### Reflux Assemblies

- Comprises of Round Bottom Flask and Liebig Condenser

| Cat No.     | Flask Capacity ml. | Condenser effective length mm | Pack Size |
|-------------|--------------------|-------------------------------|-----------|
| 16.468.0100 | 100                | 300                           | 1         |
| 16.468.0250 | 250                | 400                           | 1         |
| 16.468.0500 | 500                | 500                           | 1         |



### Reflux Assembly

- Comprises of Round Bottom Flask 1000 ml and a Reversible Coil Condenser

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.470.1000 | 1         |



## Nitrogen Determination Assemblies

### Macro Kjeldahl Distillation

- 500 ml Kjeldahl Flask, multiple adapter, dropping funnel with plug
- Splash Head, condenser and receiver adapter

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.432.0500 | 1         |

### Macro Kjeldahl Distillation

- 500 ml Kjeldahl Flask, Multiple Adapter, Dropping Funnel with plug
- Splash Head, Condenser with spherical joints in between

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.434.0500 | 1         |



**Distilling Apparatus Ammonia**

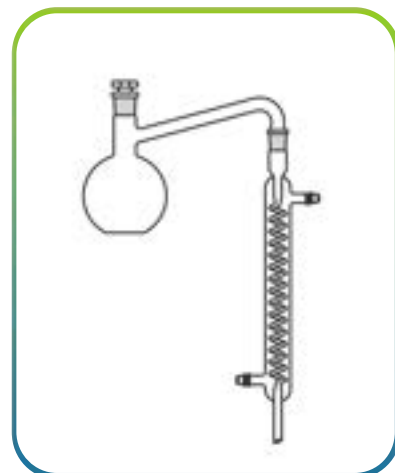
- Comprises of graham condenser used for determination of nitrogen in organic compounds

| Cat No.     | Flask Capacity ml. | Pack Size |
|-------------|--------------------|-----------|
| 16.436.0500 | 500                | 1         |

**Distillation Apparatus**

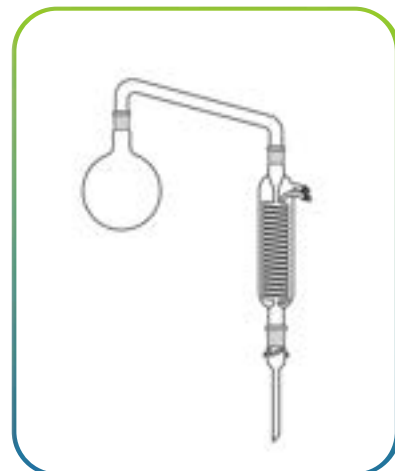
- \* Comprises of 500 ml flask, graham condenser 200 mm and stopper

| Cat No.     | Flask Capacity ml. | Effective Condenser length mm | Pack Size |
|-------------|--------------------|-------------------------------|-----------|
| 16.438.0500 | 500                | 200                           | 1         |

**Alcohol Distillation Unit**

- Comprises of R.B. 1000 ml, recovery bend, inland revenue condenser 200 mm and receiver adapter

| Cat No.     | Flask Capacity ml. | Effective Condenser length mm | Pack Size |
|-------------|--------------------|-------------------------------|-----------|
| 16.440.1000 | 1000               | 200                           | 1         |

**Distillation Apparatus**

- Comprises of R. B., recovery bend, liebig condenser and receiver adapter

| Cat No.     | Flask Capacity ml. | Effective Condenser length mm | Pack Size |
|-------------|--------------------|-------------------------------|-----------|
| 16.442.0250 | 250                | 200                           | 1         |
| 16.442.0500 | 500                | 300                           | 1         |
| 16.442.1000 | 1000               | 350                           | 1         |
| 16.442.2000 | 2000               | 400                           | 1         |



### Preparation Assembly

- Comprises of R. B., still head, thermometer, liebig condenser and receiver adapter

| Cat No.     | Flask Capacity mL | Effective Condenser length mm | Pack Size |
|-------------|-------------------|-------------------------------|-----------|
| 16.444.0500 | 500               | 300                           | 1         |
| 16.444.1000 | 1000              | 350                           | 1         |
| 16.444.2000 | 2000              | 400                           | 1         |



### Vacuum Distillation

- Comprises of R. B. 1000 ml, recovery bend, jacketed coil condenser 150 mm, receiver adapter bent with vent and round bottom flask 250 ml.

| Cat No.     | Flask Capacity mL | Effective Condenser length mm | Pack Size |
|-------------|-------------------|-------------------------------|-----------|
| 16.446.1000 | 1000              | 150                           | 1         |



### Reichert Wollney's Apparatus

- For the Determination of Volatile Fatty Acids in Margarine and Butter. With Rubber Cork

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.447.0050 | 1         |



### Kjeldhal Distillation Assembly

- Comprises of kjeldhal flask 500 ml, multiple adapter two necks, splash head vertical, liebig condenser, receiver adapter and dropping funnel 100 ml.

| Cat No.     | Flask Capacity mL | Dropping Funnel Capacity mL | Pack Size |
|-------------|-------------------|-----------------------------|-----------|
| 16.450.0500 | 500               | 100                         | 1         |



## Arsenic Determination Apparatus as per IS

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.459.0010 | 2         |

## Arsenic Determination Apparatus as per IP Specs.

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.462.0010 | 2         |

## Arsenic Determination Apparatus, Gutzeit

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.465.0010 | 2         |

## Arsenic Determination Apparatus as per USP

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.469.0010 | 2         |





**Sulphur Di Oxide Assembly as per USP**

| Cat No.     | Pack Size |
|-------------|-----------|
| 16.471.0010 | 1         |

**R M Value Apparatus, IS 548 (Part-1)**

\* For dairy industries for determination of butter fat & analysis of oil fat/waxes, with rubber cork fitting

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 16.448.0300 | 300          | 1         |

Also available with standard joint fitting on request, please ask for prices.



## Triple Water Bath



# Tubes

brand Test tubes, Screw cap tubes is manufactured from Low-Expansion Boro 3.3 glass in conformance with ASTM E-438 TYPE 1 CLASS A glass & DIN ISO 3585. The test tubes are mechanically very strong, yet still retain good thermal shock resistance. These are printed in white enamel.

## Test Tube - Borosilicate Glass

- Fire polished rim and uniform wall thickness
- In Compliance to ISO 4142
- Made of borosilicate 3.3 glass
- High thermal shock resistance & chemical attack resistance
- Available with & without rim
- Packed in breakage resistant special designed boxes.

| With rim     | Capacity ml. (approx) | Size, mm | Pack Size |
|--------------|-----------------------|----------|-----------|
| 17.101.1075  | 3                     | 75 x 10  | 100       |
| 17.101.1275  | 5                     | 75 x 12  | 100       |
| 17.101.1210  | 7                     | 100 x 12 | 100       |
| 17.101.1512* | 13                    | 125 x 15 | 100       |
| 17.101.1515* | 15                    | 150 x 15 | 100       |
| 17.101.1815  | 27                    | 150 x 18 | 100       |
| 17.101.2510  | 38                    | 100 x 25 | 100       |
| 17.101.2515  | 55                    | 150 x 25 | 100       |
| 17.101.2520  | 70                    | 200 x 25 | 100       |
| 17.101.3220  | 100                   | 200 x 32 | 100       |
| 17.101.3820  | 170                   | 200 x 38 | 50        |

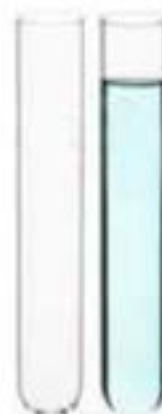
| With rim     | Capacity ml. (approx) | Size, mm | Pack Size |
|--------------|-----------------------|----------|-----------|
| 17.104.1075  | 3                     | 75 x 10  | 100       |
| 17.104.1275  | 5                     | 75 x 12  | 100       |
| 17.104.1210  | 7                     | 100 x 12 | 100       |
| 17.104.1512* | 13                    | 125 x 15 | 100       |
| 17.104.1515* | 15                    | 150 x 15 | 100       |
| 17.104.1815  | 27                    | 150 x 18 | 100       |
| 17.104.2510  | 38                    | 100 x 25 | 100       |
| 17.104.2515  | 55                    | 150 x 25 | 100       |
| 17.104.2520  | 70                    | 200 x 25 | 100       |
| 17.104.3220  | 100                   | 200 x 32 | 100       |
| 17.104.3820  | 170                   | 200 x 38 | 50        |

## Test Tubes, Graduated

- Fire polished rim and uniform wall thickness
- Made of borosilicate 3.3 glass
- High thermal shock resistance & chemical attack resistance
- Round Bottom, With rim
- Graduated in Amber

| Cat No.     | Capacity ml | Socket Size | Pack Size |
|-------------|-------------|-------------|-----------|
| 17.106.1075 | 3           | 75 x 10     | 10        |
| 17.106.1275 | 5           | 75 x 12     | 10        |
| 17.106.1210 | 7           | 100 x 12    | 10        |
| 17.106.1512 | 13          | 125 x 15    | 10        |
| 17.106.1815 | 27          | 150 x 18    | 10        |
| 17.106.2515 | 55          | 150 x 25    | 10        |
| 17.106.2520 | 70          | 200 x 25    | 10        |

Best Seller



ISO 4797



### Tube Flat Bottom With Rim

- Made of borosilicate glass, designed with a flat bottom
- High thermal shock resistance
- Used for pathological tests and disintegration apparatus

| Cat No.     | Approx. O.D. x Length mm | Pack Size |
|-------------|--------------------------|-----------|
| 17.110.1813 | 18 x 138                 | 100       |
| 17.110.1855 | 18 x 55                  | 100       |
| 17.110.1411 | 14 x 110                 | 100       |



### Tube Flat Bottom Without Rim

- Made of borosilicate glass, designed with a flat bottom
- High thermal shock resistance
- Used for pathological tests and disintegration apparatus

| Cat No.     | Approx. O.D. x Length mm | Pack Size |
|-------------|--------------------------|-----------|
| 17.109.1275 | 12 x 75                  | 100       |



### Culture Tubes, Flat Bottom Clear

- Made from Boro Glass 3.3, Clear
- Printed in Matt finish white colour enamel
- Uniform Wall Thickness
- Leakproof
- Comes with PP Screw Cap and PTFE Liner

| Cat No.      | Capacity ml. | Size, mm | Pack Size |
|--------------|--------------|----------|-----------|
| 17.122.1638* | 3            | 16 x 38  | 100       |
| 17.122.1655* | 5            | 16 x 55  | 100       |
| 17.122.2550  | 10           | 25 x 50  | 100       |
| 17.122.2557  | 15           | 25 x 57  | 100       |
| 17.122.2572  | 20           | 25 x 72  | 100       |
| 17.122.2595  | 30           | 25 x 95  | 100       |
| 17.122.2515  | 50           | 25 x 150 | 100       |

3ml & 5ml with stopper



### Culture Tubes, Flat Bottom Amber

- Made from Boro Glass 5.1, Amber
- Printed in Matt finish white colour enamel
- Uniform Wall Thickness
- Leakproof
- Comes with PP Screw Cap and PTFE Liner

| Cat No.      | Capacity ml. | Size, mm | Pack Size |
|--------------|--------------|----------|-----------|
| 17.139.1638* | 3            | 16 x 38  | 100       |
| 17.139.1655* | 5            | 16 x 55  | 100       |
| 17.139.2550  | 10           | 25 x 50  | 100       |
| 17.139.2557  | 15           | 25 x 57  | 100       |
| 17.139.2572  | 20           | 25 x 72  | 100       |
| 17.139.2595  | 30           | 25 x 95  | 100       |
| 17.139.2515  | 50           | 25 x 150 | 100       |

3ml & 5ml with stopper



### Culture Tubes, Round Bottom, Clear

- Made from Boro Glass 3.3, Clear
- Printed in Matt finish white colour enamel
- Uniform Wall Thickness
- Leakproof
- Comes with PP Screw Cap and PTFE Liner

| Cat No.     | Capacity ml. | Size, mm | Pack Size |
|-------------|--------------|----------|-----------|
| 17.123.1210 | 5            | 12 x 100 | 100       |
| 17.123.1675 | 5            | 16 x 75  | 100       |
| 17.123.1610 | 10           | 16 x 100 | 100       |
| 17.123.1612 | 15           | 16 x 125 | 100       |
| 17.123.1615 | 20           | 16 x 150 | 100       |
| 17.123.1815 | 25           | 18 x 150 | 100       |
| 17.123.1818 | 30           | 18 x 180 | 100       |
| 17.123.2510 | 25           | 25 x 100 | 100       |
| 17.123.2515 | 50           | 25 x 150 | 100       |
| 17.123.2520 | 60           | 25 x 200 | 50        |
| 17.123.3220 | 100          | 32 x 200 | 25        |
| 17.123.3820 | 150          | 38 x 200 | 25        |



### Culture Tubes, Round Bottom, Amber

- Made from Boro Glass 5.1, Amber
- Printed in Matt finish white colour enamel
- Uniform Wall Thickness
- Leakproof
- Comes with PP Screw Cap and PTFE Liner

| Cat No.     | Capacity ml. | Size, mm | Pack Size |
|-------------|--------------|----------|-----------|
| 17.138.1210 | 5            | 12 x 100 | 100       |
| 17.138.1675 | 5            | 16 x 75  | 100       |
| 17.138.1610 | 10           | 16 x 100 | 100       |
| 17.138.1615 | 20           | 16 x 150 | 100       |
| 17.138.1815 | 25           | 18 x 150 | 100       |
| 17.138.1818 | 30           | 18 x 180 | 100       |
| 17.138.2515 | 50           | 25 x 150 | 100       |
| 17.138.2520 | 60           | 25 x 200 | 50        |
| 17.138.3220 | 100          | 32 x 200 | 25        |
| 17.138.3820 | 150          | 38 x 200 | 25        |



### Test Tube - With Joint & Stopper, Plain

| Cat No.<br>Glass<br>Stopper | Length x<br>Dia., mm | Socket<br>Size | Capacity<br>ml | Pack Size |
|-----------------------------|----------------------|----------------|----------------|-----------|
| 17.120.1210                 | 100 x 12             | 10/19          | 5              | 10        |
| 17.120.1512                 | 125 x 15             | 12/21          | 10             | 10        |
| 17.120.1815                 | 150 x 18             | 14/23          | 20             | 10        |
| 17.120.2515                 | 150 x 25             | 19/26          | 25             | 10        |
| 17.120.2520                 | 200 x 25             | 19/26          | 50             | 10        |
| 17.120.3220                 | 200 x 32             | 24/29          | 100            | 10        |
| 17.120.3820                 | 200 x 38             | 24/29          | 150            | 10        |



### Test Tube - With Joint & Stopper, Graduated

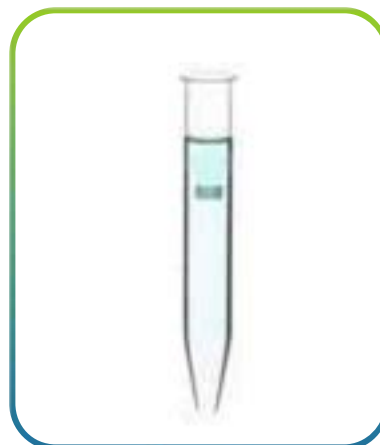
| Cat No.<br>Glass<br>Stopper | Size,<br>mm | Capacity<br>ml | Socket<br>Size | Pack Size |
|-----------------------------|-------------|----------------|----------------|-----------|
| 17.124.0005                 | 100 x 12    | 5              | 10/19          | 10        |
| 17.124.0010                 | 125 x 16    | 10             | 12/21          | 10        |
| 17.124.0012                 | 150 x 16    | 15             | 12/21          | 10        |
| 17.124.0013                 | 150 x 18    | 20             | 14/23          | 10        |
| 17.124.0015                 | 150 x 22    | 25             | 19/26          | 10        |
| 17.124.0020                 | 200 x 25    | 50             | 19/26          | 10        |
| 17.124.0035                 | 230 x 32    | 100            | 24/29          | 10        |



### Centrifuge Tube, Conical Bottom, Plain

• Centrifuge tubes are thick-walled and resistant to mechanical stress

| Cat No.     | Capacity ml | Height x O.D., mm | Pack Size |
|-------------|-------------|-------------------|-----------|
| 17.146.0005 | 3           | 76 x 10           | 100       |
| 17.146.0010 | 5           | 100 x 13          | 100       |
| 17.146.0015 | 10          | 110 x 15          | 100       |
| 17.146.0020 | 12          | 110 x 16          | 100       |
| 17.146.0025 | 15          | 120 x 17          | 100       |
| 17.146.0030 | 25          | 125 x 22          | 50        |
| 17.146.0037 | 50          | 135 x 30          | 50        |



### Centrifuge Tube, Conical Bottom, Graduated

• Centrifuge tubes are thick-walled, resistant to mechanical stress

| Cat No.     | Capacity ml | Height x O.D., mm | Pack Size |
|-------------|-------------|-------------------|-----------|
| 17.150.0005 | 5           | 100 x 13          | 30        |
| 17.150.0010 | 10          | 110 x 15          | 30        |
| 17.150.0015 | 15          | 120 x 17          | 30        |
| 17.150.0020 | 25          | 125 x 22          | 20        |
| 17.150.0027 | 50          | 135 x 30          | 20        |





## Centrifuge Tube, With Screw Cap, Plain

| Cat No.     | Capacity ml | Height x O.D., mm | Pack Size |
|-------------|-------------|-------------------|-----------|
| 17.154.0010 | 10          | 110 x 15          | 100       |
| 17.154.0015 | 15          | 120 x 17          | 100       |
| 17.154.0020 | 50          | 135 x 30          | 100       |



## Centrifuge Tube, With Screw Cap, Graduated

| Cat No.     | Capacity ml | Height x O.D., mm | Pack Size |
|-------------|-------------|-------------------|-----------|
| 17.158.0010 | 10          | 110 x 15          | 100       |
| 17.158.0015 | 15          | 120 x 17          | 100       |
| 17.158.0020 | 50          | 135 x 30          | 100       |



## Centrifuge Tube, Conical Bottom Graduated, With Interchangeable Stopper

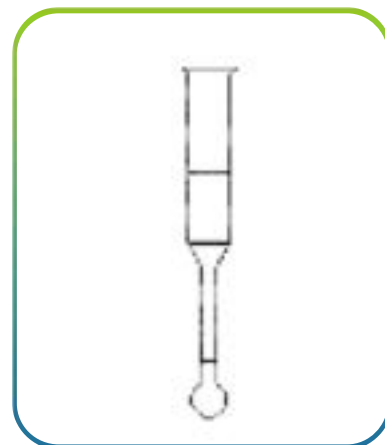
| Cat No.     | Capacity ml | Height x O.D., mm | Pack Size |
|-------------|-------------|-------------------|-----------|
| 17.166.0010 | 5           | 100 x 13          | 100       |
| 17.166.0015 | 12          | 110 x 16          | 100       |
| 17.166.0020 | 15          | 120 x 17          | 100       |
| 17.166.0025 | 25          | 125 x 22          | 50        |
| 17.166.0030 | 50          | 140 x 29          | 50        |



## Blood Sugar Tubes, Folin Wu, as per I.S. 3740 : 1966, Capacity 25 ml., marked at 4 ml, 12.5 ml and 25 ml

| Cat No.     | Capacity ml | Pack Size |
|-------------|-------------|-----------|
| 17.172.0025 | 25          | 20        |

Marked at 12.5 & 25ml



### Tubes, Digestion, Folin-Wu, marked at 35 ml and 50 ml

| Cat No.     | Size, mm | Pack Size |
|-------------|----------|-----------|
| 17.174.2520 | 200 x 25 | 20        |



### Impinger, Graduated For Sampling Small Gas Volume As per Standard Specification

| Cat No.     | Capacity, ml | Pack Size |
|-------------|--------------|-----------|
| 17.175.0035 | 35           | 10        |
| 17.175.0050 | 50           | 10        |
| 17.175.0080 | 80           | 10        |
| 17.175.0150 | 150          | 5         |
| 17.175.0225 | 225          | 5         |
| 17.175.0240 | 240          | 5         |
| 17.175.0275 | 275          | 5         |



# Quartzware

## Beaker Low Form with Spout

| Cat No. | Capacity ml. | Pack Size |
|---------|--------------|-----------|
| CHQT1/1 | 25           | 2         |
| CHQT1/2 | 50           | 2         |
| CHQT1/3 | 100          | 2         |
| CHQT1/4 | 250          | 1         |
| CHQT1/5 | 500          | 1         |
| CHQT1/6 | 1000         | 1         |



## Conical Flask

| Cat No. | Capacity ml. | Pack Size |
|---------|--------------|-----------|
| CHQT4/1 | 25           | 2         |
| CHQT4/2 | 50           | 2         |
| CHQT4/3 | 100          | 1         |
| CHQT4/4 | 250          | 1         |
| CHQT4/5 | 500          | 1         |
| CHQT4/6 | 1000         | 1         |



## Volumetric Flask With Stopper

| Cat No. | Capacity ml. | Socket | Pack Size |
|---------|--------------|--------|-----------|
| CHQT5/1 | 10           | 10/19  | 1         |
| CHQT5/2 | 25           | 10/19  | 1         |
| CHQT5/3 | 50           | 12/21  | 1         |
| CHQT5/4 | 100          | 14/23  | 1         |
| CHQT5/5 | 250          | 14/23  | 1         |
| CHQT5/6 | 500          | 19/26  | 1         |



## Reagent Bottle With Stopper

| Cat No. | Capacity ml. | Socket | Pack Size |
|---------|--------------|--------|-----------|
| CHQT6/1 | 50           | 14/23  | 1         |
| CHQT6/2 | 100          | 14/23  | 1         |
| CHQT6/3 | 250          | 19/26  | 1         |
| CHQT6/4 | 500          | 24/29  | 1         |
| CHQT6/5 | 1000         | 29/32  | 1         |



## Test Tube With Rim

| Cat No.  | Capacity ml. (approx) | O.D. X Length mm (approx) | Pack Size |
|----------|-----------------------|---------------------------|-----------|
| CHQT9/1  | 3                     | 10 x 75                   | 5         |
| CHQT9/2  | 5                     | 12 x 75                   | 5         |
| CHQT9/3  | 8                     | 12 x 100                  | 5         |
| CHQT9/4  | 10                    | 16 x 125                  | 5         |
| CHQT9/5  | 15                    | 16 x 150                  | 5         |
| CHQT9/6  | 25                    | 18 x 150                  | 2         |
| CHQT9/7  | 35                    | 25 x 100                  | 2         |
| CHQT9/8  | 50                    | 25 x 150                  | 2         |
| CHQT9/9  | 75                    | 25 x 200                  | 2         |
| CHQT9/10 | 100                   | 32 x 200                  | 2         |
| CHQT9/11 | 175                   | 40 x 200                  | 2         |



## Combustion Boat With Handle

| Cat No.  | O.D. X Length mm (approx) | Pack Size |
|----------|---------------------------|-----------|
| CHQT10/1 | 16 x 49                   | 2         |
| CHQT10/2 | 12 x 77                   | 2         |
| CHQT10/3 | 18 x 77                   | 2         |
| CHQT10/4 | 22 x 77                   | 2         |
| CHQT10/5 | 22 x 100                  | 2         |



## Crucible Without Lid

| Cat No.  | Capacity ml. (approx) | O.D. X Length mm (approx) | Pack Size |
|----------|-----------------------|---------------------------|-----------|
| CHQT11/1 | 15                    | 40 x 26                   | 5         |
| CHQT11/2 | 25                    | 47 x 30                   | 5         |
| CHQT11/3 | 50                    | 57 x 35                   | 5         |
| CHQT11/4 | 80                    | 69 x 45                   | 5         |
| CHQT11/5 | 150                   | 80 x 54                   | 5         |



## Lid For Crucible

| Cat No.  | Capacity ml. (approx) | Pack Size |
|----------|-----------------------|-----------|
| CHQT12/1 | 15                    | 5         |
| CHQT12/2 | 25                    | 5         |
| CHQT12/3 | 50                    | 5         |
| CHQT12/4 | 80                    | 5         |
| CHQT12/5 | 150                   | 5         |



# Porcelain & Silicaware

## Mortar & Pestle, Porcelain

- Mortar with spout, glazed outside except bottom, unglazed inside. Pestle unglazed to grinding surface

| Cat No.   | Capacity ml | Socket Size | Pack Size |
|-----------|-------------|-------------|-----------|
| CH11605/1 | 60          | 60          | 1         |
| CH11605/2 | 75          | 100         | 1         |
| CH11605/3 | 85          | 150         | 1         |
| CH11605/4 | 100         | 275         | 1         |
| CH11605/5 | 125         | 550         | 1         |
| CH11605/6 | 150         | 900         | 1         |
| CH11605/7 | 175         | 1500        | 1         |
| CH11605/8 | 200         | 2000        | 1         |



## Mortar & Pestle, Agate

- Made of Naturally occurring Agate Stone, recommended for use in laboratories demanding contamination-free results

| Cat No.    | O.D., mm | I.D., mm | Ht., mm | Pack Size |
|------------|----------|----------|---------|-----------|
| CH11610/2  | 28       | 23       | 20      | 1         |
| CH11610/3  | 40       | 31       | 27      | 1         |
| CH11610/4  | 50       | 40       | 30      | 1         |
| CH11610/5  | 60       | 57       | 33      | 1         |
| CH11610/6  | 78       | 65       | 39      | 1         |
| CH11610/7  | 100      | 87       | 44      | 1         |
| CH11610/8  | 115      | 100      | 51      | 1         |
| CH11610/9  | 125      | 111      | 61      | 1         |
| CH11610/10 | 150      | 134      | 63      | 1         |



## Mortar & Pestle, Agate, Black

| Cat No.   | O.D., mm | I.D., mm | Ht., mm | Pack Size |
|-----------|----------|----------|---------|-----------|
| CH11611/1 | 50       | 40       | 30      | 1         |
| CH11611/2 | 60       | 57       | 33      | 1         |
| CH11611/3 | 75       | 65       | 39      | 1         |
| CH11611/4 | 100      | 87       | 44      | 1         |
| CH11611/5 | 115      | 100      | 51      | 1         |
| CH11611/6 | 125      | 111      | 61      | 1         |
| CH11611/7 | 150      | 134      | 63      | 1         |





### Basins, Evaporating

- Porcelain, round form, with lip, both sides glazed. For bigger dishes, glazed inside and partially outside

| Cat No.    | Dia., mm | Capacity, ml | Pack Size |
|------------|----------|--------------|-----------|
| CH10110/3  | 50       | 20           | 1         |
| CH10110/5  | 75       | 100          | 1         |
| CH10110/7  | 100      | 175          | 1         |
| CH10110/9  | 125      | 450          | 1         |
| CH10110/11 | 150      | 850          | 1         |
| CH10110/13 | 200      | 1700         | 1         |



### Combustion Boat, Porcelain

- Glazed /unglazed max
- use temp. 1150° C

| Cat No.   | Length, mm | Pack Size |
|-----------|------------|-----------|
| CH10742/1 | 90         | 10        |
| CH10742/3 | 80         | 10        |
| CH10742/5 | 86         | 10        |
| CH10742/7 | 100        | 10        |



### Funnel, Buchner

- Porcelain, straight sides, integral perforated plate, glazed inside and outside

| Cat No.    | Dia., mm | Pack Size |
|------------|----------|-----------|
| CH11108/1  | 35       | 1         |
| CH11108/2  | 50       | 1         |
| CH11108/4  | 60       | 1         |
| CH11108/5  | 75       | 1         |
| CH11108/6  | 100      | 1         |
| CH11108/7  | 125      | 1         |
| CH11108/8  | 150      | 1         |
| CH11108/9  | 200      | 1         |
| CH11108/9A | 250      | 1         |
| CH11108/10 | 300      | 1         |



## Crucible With Lid, Silica

| Cat No.  | Capacity ml | Pack Size |
|----------|-------------|-----------|
| CHSIL1/1 | 15          | 1         |
| CHSIL1/2 | 25          | 1         |
| CHSIL1/3 | 50          | 1         |
| CHSIL1/4 | 100         | 1         |
| CHSIL1/5 | 80          | 1         |
| CHSIL1/6 | 150         | 1         |



## Crucible Without Lid, Silica

| Cat No.  | Capacity ml | Pack Size |
|----------|-------------|-----------|
| CHSIL2/1 | 15          | 1         |
| CHSIL2/2 | 25          | 1         |
| CHSIL2/3 | 50          | 1         |
| CHSIL2/4 | 100         | 1         |
| CHSIL2/5 | 80          | 1         |
| CHSIL2/6 | 150         | 1         |



## Basin Round Bottom, With Spout, Translucent, Silica

| Cat No.  | Capacity ml | Dia x Ht. Approx. | Pack Size |
|----------|-------------|-------------------|-----------|
| CHSIL3/1 | 20          | 55 x 23           | 1         |
| CHSIL3/2 | 45          | 75 x 27           | 1         |
| CHSIL3/3 | 70          | 87 x 33           | 1         |
| CHSIL3/4 | 85          | 94 x 36           | 1         |
| CHSIL3/5 | 100         | 100 x 45          | 1         |
| CHSIL3/6 | 200         | 113 x 47          | 1         |



## Silica Triangle on Nichrome

| Cat No.  | Capacity ml | Pack Size |
|----------|-------------|-----------|
| CHSIL4/1 | 15          | 1         |
| CHSIL4/2 | 25          | 1         |
| CHSIL4/3 | 50          | 1         |
| CHSIL4/4 | 80          | 1         |
| CHSIL4/5 | 100         | 1         |



# Distillation Stills

## Water Still

- Easy to use, safe to operate and designed for trouble free continuous operation. Suitable for general laboratory use.

## Features :

- Water still features high quality borosilicate glass boiler and condenser with PTFE stopcock for easy cleaning
- All plumbing connections through thread connectors
- Chrome plated heating element fitted with a thermostat
- Features a powder coated metal stand for either wall or bench mounting

## Technical Specifications

- Distilled Water Output: 4 L/Hr
- Power Rating: 3 kW
- Input voltage: 220 V AC  $\pm$  10%, 50-60 Hz

| Cat No. | Pack Size |
|---------|-----------|
| CH14030 | 1         |



## Mono Quartz Distillation Units

- Mono quartz distillers being very compact and the construction material being high purity quartz, it meets the standard of the analytical laboratory where purity of distilled water free from metallic ions and bacteria is criteria.

## Construction

- The boiler is made of high purity quartz and the condenser is of borosilicate/quartz material. The built in heater provides minimum loss of heat and production of distilled water in 2-3 minutes. The unit is mounted on a powder coated metal stand with electrical connections and is easy to dismantle and assemble the unit. Fibre glass insulated wire and silicone rubber boot resists high temperatures

## Features :

- Quartz boiler
- Condenser is available in borosilicate and quartz material.
- Distilled water output in 2-3 minutes.
- Pyrogen free, free of heavy metals.
- Efficient borosilicate/quartz coil condenser.
- Can be easily converted to bi-distillation apparatus.
- Powder coated stand for rust free operation.
- Safety cut off device is optional

## Distillate Quality

- Conductivity:
  - < 3.0  $\mu$ S/cm with Borosilicate Condenser
  - < 2.0  $\mu$ S/cm with Quartz Condenser
- Distillate Temperature: 30 to 45 °C
- Distilled Water Quality: Pyrogen Free

| Cat No.      | Condenser Material | Distilled Water Output, L/Hr | Cooling Water Consumption, L/Hr | Power Rating, kW |
|--------------|--------------------|------------------------------|---------------------------------|------------------|
| CH14042-25B  | Borosilicate       | 2.5                          | 40                              | 2.0              |
| CH14042-25Q  | Quartz             | 2.5                          | 40                              | 2.0              |
| CH14042-50B  | Borosilicate       | 5.0                          | 65                              | 4.4              |
| CH14042-50Q  | Quartz             | 5.0                          | 65                              | 4.4              |
| CH14042-100B | Borosilicate       | 10.0                         | 120                             | 9.0*             |
| CH14042-100Q | Quartz             | 10.0                         | 120                             | 9.0*             |

\* Indicates 3 Phase connection

SAFETY CUT OFF DEVICE IS OPTIONAL

## Safety cut off Device

| Cat No.       | Capacity      | Description                            |
|---------------|---------------|--|
| CH14042-SCU-1 | 2 ltr/hr      | Digital Safety Control Unit with Alarm |
| CH14042-SCU-2 | 5 & 10 ltr/hr | Digital Safety Control Unit with Alarm |



### Double Quartz Distillation Units

- Quartz distillation units are manufactured from imported fused quartz tubes. The exceptionally high chemical purity and very low solubility of this material enables the production of very high-performance system. The greatest possible attention has been taken for technical performance, simplicity of use and efficiency.

#### Construction

- The unit consist of a primary boiler with built-in heater enclosed in a quartz boiler. Upper boiler has a built-in quartz coil and condensing unit which is mounted on the boiler. Double wall condenser ensures separate condensation of vapor coming from the two boilers using a single cooling circuit.

#### Features :

- Quartz boiler
- Quartz condenser
- Distilled water output in 2-3 minutes.
- Pyrogen free, free of heavy metals.
- Powder coated stand for rust free operation.
- Safety cut off device is included.

#### Distillate Quality

- Conductivity: < 1.0  $\mu\text{S/cm}$
- Distillate Temperature: 65 to 75°C
- Distilled Water Quality: Pyrogen Free

| Cat No.      | Distilled Water Output, L/Hr | Cooling Water Consumption, L/Hr | Total Power Rating, kW |
|--------------|------------------------------|---------------------------------|------------------------|
| CH14045-15DQ | 1.5                          | 60                              | 3.0                    |
| CH14045-25DQ | 2.5                          | 70                              | 4.4                    |
| CH14045-35DQ | 3.5                          | 90                              | 7.0*                   |
| CH14045-40DQ | 4.0                          | 120                             | 8.0*                   |
| CH14045-50DQ | 5.0                          | 150                             | 9.0*                   |

\* Indicates 3 Phase connection



### Borosilicate Distillation Units

- Borosilicate glass distillation units continue to be the most effective, economic method of producing ultra-pure water for laboratory use. By contrast deioniser are only effective in removing those substances which are ionized. Further the resins contribute organic impurities to water and an ideal environment for bacterial growth in course of time
- These distillation units are designed to produce a distillate of consistent purity. The unit consists of horizontal borosilicate boilers, condensers, and quartz heater. All parts are replaceable.
- The newly developed quartz heater is advantageous than chromium plated heaters. Chromium plated heaters react with acids during cleaning process. Quartz heaters do not react with acids or water during cleaning or at elevated temperature unlike metallic ones. Quartz heaters are easy to assemble and dismantle, unlike metallic ones which are bulky.

#### Features :

- Compact, simple to use.
- Economical and ideal for colleges and general laboratory use.
- Borosilicate boiler, borosilicate condenser and quartz heater
- Powder coated stand for rust free operation.
- Provision for easy cleaning of boiler
- Input voltage: 220 V AC  $\pm$  10%, 50-60 Hz

#### Distillate Quality

- Conductivity: < 3.0  $\mu\text{S/cm}$
- Distilled Water Quality: Pyrogen Free

| Cat No.     | Distilled Water Output, L/Hr | Stage        | Cooling Water Consumption, L/Hr | Power Rating, kW |
|-------------|------------------------------|--------------|---------------------------------|------------------|
| CH14031-20S | 2.0                          | Single Stage | 50                              | 1.5              |
| CH14031-40S | 4.0                          | Single Stage | 60                              | 3.0              |
| CH14031-20D | 2.0                          | Double Stage | 120                             | 3.0              |
| CH14031-40D | 4.0                          | Double Stage | 150                             | 6.0              |





### Automatic Water Distillation (Cabinet Model)

#### Features :

- Compact and user friendly.
- For use in research laboratories, hospitals etc.
- Borosilicate boiler, borosilicate condenser and quartz heater
- Safety features:
  - Equipment will shut off in case of cooling water failure.
  - Equipment will shut off in case water level in the boiler falls below the heater.
- Replaceable quartz heater.
- Replaceable side overflow for easy draining and cleaning of boiling chamber.
- Input voltage: 220 V AC  $\pm$  10%, 50-60 Hz

#### Distillate Quality

- Conductivity:  $< 3.0 \mu\text{S/cm}$
- Distilled Water Quality: Pyrogen Free

| Cat No.   | Distilled Water Output, L/Hr | Stage        | Cooling Water Consumption, L/Hr | Power Rating, kW |
|-----------|------------------------------|--------------|---------------------------------|------------------|
| CH14032/1 | 2                            | Single Stage | 1.5                             | 1.5              |
| CH14032/2 | 4                            | Single Stage | 2.5                             | 3.0              |
| CH14032/3 | 2                            | Double Stage | 1.5                             | 1.5              |
| CH14032/4 | 4                            | Double Stage | 2.5                             | 3.0              |

