

# Associated Scientific Manufacturing Industries



POWER TO INVENT

**Address:** 100 Old, Jessore Road, Ganganagar, Kanthal, P.O  
Ganganagar, Kolkata - 700132

**Phone:** +91 86177 50629

**Website:** [www.asmilab.com](http://www.asmilab.com)

**Email:** [info@asmilab.co.in](mailto:info@asmilab.co.in)

## Part - B



## The Products We Manufacture ----- -- page nos.

➤ Beakers	-----	5
➤ Bottles	-----	9
➤ Burettes	-----	26
➤ Cones	-----	37
➤ Condensers	-----	<b>38</b>
➤ Cylinders	-----	<b>42</b>
➤ Desiccators	-----	<b>51</b>
➤ Dishes	-----	52
➤ Distilling Apparatus	-----	55
➤ Water Distillation Unit	-----	61
➤ All Quartz Double Distillation Unit	-----	<b>65</b>
➤ Extractors (Extraction Apparatus)	-----	<b>68</b>
➤ Flasks	-----	70
➤ Volumetric Flasks	-----	97
➤ Chromatography Columns	-----	<b>103</b>
➤ Funnels	-----	107
➤ Gas Generator	-----	<b>113</b>
➤ Jars	-----	114
➤ Kettles	-----	<b>115</b>
➤ Pipettes	-----	<b>116</b>
➤ Weighing Scoop	-----	<b>121</b>
➤ Tubes	-----	<b>122</b>
➤ Test Tubes	-----	<b>125</b>
➤ Culture Tubes	-----	125
➤ Watch Glasses	-----	127
➤ Vials & Closures	-----	<b>128</b>
➤ Microscope Slides	-----	134
➤ Cover Glass	-----	<b>135</b>
➤ Vetroclean	-----	<b>136</b>
➤ Premium Pipettes Tips	-----	<b>136</b>
➤ Sintered Wares ,Filtration Assembly & Viscometers	-----	Part A of Catalogue

## Who we are?

Associated Scientific Manufacturing Industries (ASMI) AN ISO9001: 2015 CERTIFIED COMPANY, MSME REGD NO.: UDYAM-WB-10-0007922, IEC NO.: 0210030739. **ASMI** is most renowned manufacturer of Laboratory glassware And Sintered products from Borosilicate Glass. The organization was established in 2006 since then we are keeping up excellent standard par international market & Indian domestic market. Now the company has expanded their works to a great extant with a highly skillful glass manufacturing unit.

ISO 9001:2015

# Certificate of Registration



*This is to Certify That The Quality Management System of*  
**ASSOCIATED SCIENTIFIC MFG INDUSTRIES**  
 OFFICE ADD.- 10, BHAIKAB MUKHERJEE LANE,P.O.  
 SHYAMBAZAR,KOLKATA-700004, WEST BENGAL, INDIA.  
 WORKSHOP ADD.-100,OLD JESSORE ROAD, GANGANAGAR,  
 KATAHAL ,P.O. GANGANAGAR ,KOLKATA- 700132, WEST BENGAL,  
 INDIA

*has been audited and conformed to be in accordance  
 with the requirements of*

## ISO 9001:2015

*The Quality Management System is Applicable to :*

MANUFACTURING OF SINTERED GLASS WARE,  
 MICRO FILTRATION ASSEMBLY, VISCOMETER  
 & ALL TYPES OF LABORATORY GLASS WARE.

Certificate No	: <b>QBA531120</b>	Issuance Date : 15/12/2020
Initial Registration Date	: 15/12/2020	
Date of Expiry	: 14/12/2023	
1st Surve. Due	: 15/11/2021	2nd Surve. Due : 15/11/2022

  
**Director**





**Aambitious Assessment Pvt. Ltd.**  
 804, Ashok Bhawan, Building No. 93, Nehru Place, New Delhi - 110 019, India.  
 e-mail: [info@aapcertification.in](mailto:info@aapcertification.in), website: [www.aapcertification.in](http://www.aapcertification.in)  
 Certificate Verification: Certificate Validity can be re-checked at [www.aapcertification.in](http://www.aapcertification.in)  
 This certificate is a property of Aambitious Assessment Pvt. Ltd. and shall be returned immediately when demanded  
 \*Validity of the certificate is subject to successful completion of surveillance audit on or before due date

## We work for your health.

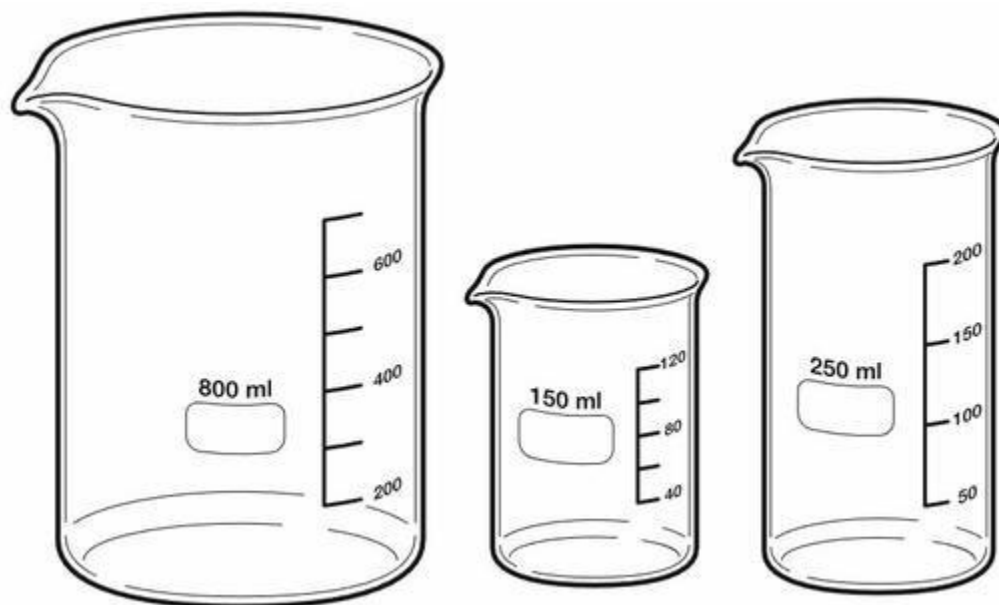
Through our dedicated staff, product quality and commitment to meeting deadlines, we look forward for more global recognition.

## Why Us?

We are one of the trusted manufacturers in Kolkata. We provide products at very competitive prices & with exciting discounts with quality & assurance. In case of any damage to the products in the process of delivery, we immediately return and refund you with fresh products. Our customer service team is 24\*7 there at your service. We even have the option for any customized or general Borosilicate lab glassware product based on your requirement & quantity we would update you with our pricing & further procedure.

Our major expertise is in Science glassware making and we have been providing this to major lab glassware brands. We regularly send our products all over the globe. Now the time has arrived where end users can directly generate benefit from us economically as well as with the quality.

We request you to kindly go through our catalogue and inform us about your requirements. We are sure of our Quality & Pricing would make our further procedure smooth & hassle free with you.



## Beakers

Regardless of whether it is for research purpose, industrial use or educational requirement the Beaker the Beaker has a wide range of uses. These transparent containers utilized for mixing and blending fluids is likewise ideal for heating them. Controlled wall thickness along the edges, span and the base guarantees a fine harmony between the thermal resistance and mechanical strength, to empower viable heating. Numerous Beakers additionally have a spout that makes pouring simpler and more exact.

## 1200. A1.01 - Beakers, Griffin, Low Form, with spout

- The spout design enables clean and precise pouring
- Uniform wall thickness distribution makes it ideal for heating liquids
- The easy-to-read scale and large labeling field make marking easier
- High resistance to chemical attack
- Double graduation metric scale for convenience



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1200.A1.01	5	22 x 30	10
1200.A1.02	10	26 x 35	10
1200.A1.03	25	34 x 50 60	10
1200.A1.04	50	42 x 60	20
1200.A1.05	100	50 x 70	10
1200.A1.06	150	60 x 80	10
1200.A1.07	250	70 x 95	10
1200.A1.08	400	80 x 110	10
1200.A1.09	500	83 x 115	10
1200.A1.10	600	90 x 125	10
1200.A1.11	1000	105 x 145	2
1200.A1.12	2000	131 x 185	2
1200.A1.13	3000	150 x 210	1
1200.A1.14	5000	170 x 270	1
1200.A1.15	10000	220 x 350	1

## 1200. A2.01 - Beaker, Tablet Disintegration

- It has a large labeling field that enables easy marking
- Specially designed for Tablet disintegration machine



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1200. A2.01	1000	105 x 145	10

### 1200. A3.01 - Beakers, Tall form, Without Spout

- Graduated to indicate the approximate content
- The easy-to-read scale and large labeling field make marking easier
- Uniform wall thickness distribution makes it ideal for heating liquids
- This beaker is designed without a pouring spout



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1200. A3.01	50	38 x 70	10
1200. A3.02	100	48 x 80	10
1200. A3.03	250	60 x 120	10
1200. A3.04	500	77 x 137	10
1200. A3.05	1000	95 x 180	10

### 1200. A4.01 - Beakers, Tall Form, With Spout

- Uniform wall thickness distribution makes it ideal for heating liquids
- Graduated to indicate the approximate content
- All sizes are equipped with a durable matt-finished enameled space for marking
- This Beaker is designed without a pouring spout



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1200. A4.01	50	38 x 70	10
1200. A4.02	100	48 x 80	10
1200. A5.03	250	60 x 120	10
1200. A6.04	500	77 x 137	10
1200. A7.05	1000	95 x 180	10

### 1200. A5.01 - Beakers, Philips (Conical) with Spout

- Its mouth is smaller in diameter than its base
- The Phillips Beaker is ideal for measuring, containment, mixing and decanting
- Conical shape ( Phillips pattern) with spout
- Excellent thermal performance and chemical resistance



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1200. A5.01	250	68 x 110	10
1200. A5.02	500	88 x 145	10





## Bottles

Bottles have multiple applications. As the Aspirator, Reagent and Solution Bottles are not utilized for heating purposes, they are designed with heavier wall thickness, making them mechanically making them precisely more grounded to withstand wet or dry sterilization. The high chemical durability of the glass ensures that most reagents can be stored in these bottles for long durations in almost the same condition. Plain Neck Solution Bottles are designed to have a uniform rubber stopper fit. RouxBottles and Milk Dilution Bottles have flat surfaces and are widely used for culture growth.

### 1300. A1.01 - Bottle, Aspirator, With GL 45 Cap and Outlet For tubing

- Large labeling field
- Complete with PP screw cap and pouring ring
- Suitable for storage of aggressive media that can damage plastic parts
- Dosing of liquids via tubing
- All sizes have a durable matt-finished enameled area for marking



Product Code	Capacity ml	Approx. O.D. x Height mm	Neck Size	Quantity Per Case
1300.A1.01	250	70 x 138	GL 45	10
1300.A1.02	500	86 x 176	GL 45	10
1300.A1.03	1000	101 x 225	GL 45	10
1300.A1.04	2000	136 x 260	GL 45	5

### 1300. A2.01 - Bottle, Aspirator, with GL-45 Cap and outlet for stopper

- Large labeling field
- Complete with PP screw cap and pouring ring
- Suitable for storage of aggressive media that can damage plastic parts
- All sizes have a durable matt-finished enameled area for marking



Product Code	Capacity ml	Approx. O.D. x Height mm	Neck Size	Approx. I.D. Outlet mm	Quantity Per Case
1300.A2.01	1000	101 x 225	GL 45	23	10
1300.A2.02	2000	136 x 260	GL 45	28	5
1300.A3.03	5000	180 x 330	GL 45	28	2
1300.A4.04	10000	227 x 410	GL 45	28	1

### 1300. A3.01 - Bottle, Aspirator, With GL 45 Caps with Interchangeable Stopcock

- Large labeling field
- Complete with PP screw cap and pouring ring
- Suitable for storage of aggressive media that can damage plastic parts
- All sizes have a durable matt-finished enameled area for marking
- Dosing of liquids via stopcock



Product Code	Capacity ml	Approx. O.D. x Height mm	Neck Size	Approx. I.D. Outlet mm	Quantity Per Case
1300.A3.01	1000	101 x 225	GL 45	24/29	10
1300.A3.02	2000	136 x 260	GL 45	29 / 32	4
1300.A3.03	5000	181 x 330	GL 45	29 / 32	2
1300.A3.04	10000	227 x 410	GL 45	29 / 32	1
1300.A3.05	20000	288 x 505	GL 45	29 / 32	1

### 1300. A4.01- Bottles, B.O.D. With Interchangeable Stopper

- Used for determination of B.O.D. in industrial effluents, waste and water
- Individual number printed on the bottle



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1300.A4.01	60	42 x 100	10
1300.A4.02	125	55 x 120	10
1300.A4.03	300	70 x 143	30

### 1300. A5.01 - Bottles, Culture, Roux, Off-Set Neck

- Designed to hold approximately half of the stated capacity of solution, when the Bottle is laid flat
- The offset neck is tool-finished for greater strength and uniform stopper fit
- These bottles facilitate the growing of mass cultures and single or monolayer cultures
- It withstands repeated sterilization (wet or dry)



Product Code	Capacity ml	Approx. b x w x h mm	Approx .Neck I.D. Outlet mm	Quantity Per Case
1300.A5.01	1000	126 x 56 x 265	26	20

### 1300. A6.01 - Bottles, Milk Dilution, Plain, With Screw Cap & Liner

- The screw caps and liner can withstand repeated autoclaving
- These glass bottles meet the requirements for Milk Dilution Bottles stated in the Standard Methods for the Examination of Dairy Products
- Square in shape



Product Code	Capacity ml	Approx. O.D. x Height mm	Approx .Neck I.D. Outlet mm	Quantity Per Case
1300.A6.01	160	150	19	10

### 1300. A7.01- Bottles, Milk Dilution, Graduated, Screw Cap & Liner

- The screw caps and liner can withstand repeated autoclaving
- These glass bottles meet the requirements for Milk Dilution Bottles stated in the Standard Methods for the Examination of Dairy Products
- Square in shape
- Graduation mark at 99 ml capacity



Product Code	Capacity ml	Approx O.D. x Height mm	Approx Neck I.D. Outlet mm	Quantity Per Case
1300.A7.01	160	150	19	5

### 1300. A8.01 – Bottles Reagent, Plain Narrow Mouth, with Interchangeable FlatHead Stopper

- These narrow mouth reagent storage bottles have a sturdy ground neck
- All sizes have a durable matt-finished enameled area for marking
- These bottles are mechanically strong and chemical resistant
- Supplied with solid glass stopper



Product Code	Capacity ml	Approx. O.D. x Height mm	Approx .Neck I.D. Outlet mm	Quantity Per Case
1300.A8.01	60	45 x 90	14 / 23	12
1300.A8.02	100	56 x 100	19 / 26	12
1300.A8.03	125	55 x 120	19 / 26	12
1300.A8.04	250	70 x 145	19 / 26	6
1300.A8.05	500	86 x 177	24 / 29	6
1300.A8.06	1000	101 x 225	29 / 32	2
1300.A8.07	2000	136 x 260	34 / 35	1

### 1300. A9.01 – Bottles, Reagent, Wide Mouth, Graduated With Screw Cap and Pouring Ring

- These bottles are mechanically strong and chemical resistant
- Designed with plastic pouring ring for drip-free operation
- The screw caps and pouring ring are made of PP
- The bottles, screw caps and pouring rings can be sterilized and autoclavable
- Printed with a Retrace Code
- 100 ml to 20000 ml Bottles have uniform GL 45 thread



Product Code	Capacity ml	Approx. O.D. x Height mm	Approx .Neck I.D. Outlet mm	Quantity Per Case
1300.A9.01	25	36 x 70	GL 25	12
1300.A9.02	50	46 x 87	GL 32	12
1300.A9.03	100	56 x 100	GL 45	12
1300.A9.04	150	60 x 120	GL 45	12
1300.A9.05	250	70 x 138	GL 45	6
1300.A9.06	500	86 x 176	GL 45	6
1300.A9.07	1000	101 x 225	GL 45	2
1300.A9.08	2000	136 x 260	GL 45	1
1300.A9.09	3000	158 x 295	GL 45	1
1300.A9.10	5000	183 x 323	GL 45	2
1300.A9.11	10000	235 x 405	GL 45	1
1300.A9.12	20000	296 x 500	GL 45	1

### 1300. A10.01 - GL 45 Screw Cap, with pouring ring for Screw Cap Bottles

- Caps and pouring rings are made of PP (Polypropylene) and are autoclavable up to 140 degreeCelsius



### 1300. A11.01 – GL 45 Pouring Ring

- Pouring rings are made of PP (Polypropylene) and are autoclavable



### 1300. A12.01 – Bottles Reagent, Square with DIN Thread, Graduated, With PPScrew Cap (GL 80) and PP Pouring Rim



Product Code	Capacity ml	Approx. b x w x h mm	Approx .Neck I.D. Outlet mm	Quantity Per Case
1300.A12.01	500	94 x 94 x 141	GL-80	10
1300.A12.02	1000	105 x 105 x 187	GL-80	10
1300.A12.03	2000	115 x 115 x 260	GL-80	10
1300.A12.04	5000	160 x 160 x 357	GL-80	1

### 1300. A13.01 - Bottles, Solution, Plain, Tooled Neck

- These bottles are mechanically strong and chemical resistant
- 10, 20 & 50 liter bottles specially designed for handling and storing culture media
- All sizes have a durable matt-finished enameled area for marking



Product Code	Capacity ml	Approx. O.D. x Height mm	Size Interchangeable Stopper	Quantity Per Case
1300.A13.01	250	70 x 140	18	5
1300.A13.02	500	86 x 177	23	5
1300.A13.03	1000	101 x 225	28	2
1300.A13.04	2000	136 x 260	33	2
1300.A13.05	3000	158 x 260	44	1
1300.A13.06	5000	183 x 320	44	1
1300.A13.07	10000	235 x 430	54	1
1300.A13.08	20000	299 x 530	54	1
1300.A13.09	50000	417 x 665	89	1





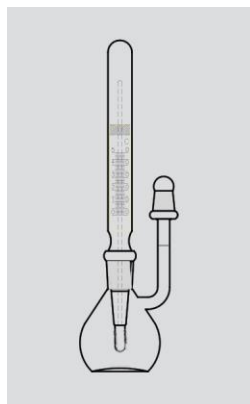
### 1300. A14.01 - Bottles, Relative Density, With Capillary Bore Interchangeable Teflon Stopper

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enameled area for marking

Product Code	Capacity ml	Capacity Tolerance +ml	Max. Body Dia x Height mm	Size of Inter-Changeable Stopper	Quantity Per Case
1300.A14.01	10	0.3	28 x 46	10 / 15	5
1300.A14.02	25	0.8	38 x 55	10 / 15	5
1300.A14.03	50	1.0	49 x 65	10 / 15	5

### 1300. A16.01 - **Bottles Specific, Gravity Bottle with thermometer (Pyknometer)**

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enameled area for marking
- Supplied with thermometer ( 10 C to 30 C) along with certificate for thermometer



<b>Product Code</b>	<b>Capacity ml</b>	<b>Quantity Per Case</b>
1300.A16.01	10	5
1300.A16.02	25	5
1300.A16.03	50	5

### 1300. A17.01 - Bottles, Weighing, With Interchangeable Stopper

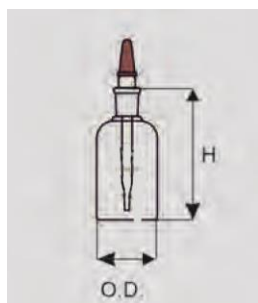
- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enameled area for marking



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1200. A17.01	5	20 x 40	30
1200. A17.02	15	25 x 65	10
1200. A17.03	20	50 x 35	10
1200. A17.04	25	30 x 65	10
1200. A17.05	40	60 x 40	10
1300.A17.06	60	40 x 90	5

### 1300. A18.01- Bottles, Dropping With Pipette & Rubber Teat

- Made from 3.3 borosilicate glass
- Highly chemical resistance
- Supplied with interchangeable ground joint transparent pipette with rubber teat



Product Code	Capacity ml	Approx. O.D. x Height mm	Size Socket	Quantity Per Case
1300.A18.01	30	35 x 84	14/19	10
1300.A18.02	60	42 x 100	14/19	10
1300.A18.03	125	55 x 120	19/26	10
1300.A18.04	250	65 x 147	19/26	10

**1300. A19.01- Bottles, Wash, Complete With Interchangeable Stopper**

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enameled area for marking



Product Code	Capacity ml	Size of Inter-Changeable Stopper	Quantity Per Case
1300.A19.01	250	24 / 29	5
1300.A19.02	500	24 / 29	5
1300.A19.03	1000	29 / 32	5

### 1300. A20.01- Stoppers, Only For Wash Bottles



Product Code	Capacity ml	Size of Inter-Changeable Stopper	Quantity Per Case
1300.A20.01	250	24 / 29	5
1300.A20.02	500	24 / 29	5
1300.A20.03	1000	29 / 32	5

### 1300. A21.01- Bottles, Only for Wash Bottle



Product Code	Capacity ml	Approx. Height mm	Size of Inter-Changeable Stopper	Quantity Per Case
1300.A21.01	250	130	24 / 29	5
1300.A21.02	500	165	24 / 29	5
1300.A21.03	1000	190	29 / 32	5

### 1300. A22.01 - Bottles, Wash, LDPE Plastic, Squeeze type, Screw Cap, Fitted with Stoppers and Delivery Tubes



- Bottles and delivery tube made of chemically resistant , low density polyethylene
- Flexible, tough, light weight, and practically unbreakable in use
- Squeezing the bottle produces a steady controllable stream or a few drops.
- Delivery tubes are mounted in polypropylene screw caps
- Tips on delivery tubes are removable
- 125ml - ₹ 34.00, 250ml - ₹ 59.00, 500ml - ₹ 79.00, 1000ml - ₹ 124.00.

### 1300. A23.01 - Bottles, Gas Washing (Dreschel), Complete with interchangeable Stopper

- These bottles are mechanically strong and chemical resistant
- All sizes have a durable matt-finished enameled area for marking



Product Code	Capacity ml	Size of Inter-Changeable Stopper	Quantity Per Case
1300.A23.01	125	24 / 29	5
1300.A23.02	250	24 / 29	5
1300.A23.03	500	24 / 29	5
1300.A23.04	1000	24 / 29	5

### 1300. A24.01 - Stoppers, Only For Gas Washing Bottles



Product Code	Capacity ml	Quantity Per Case
1300.A24.01	125	5
1300.A24.02	250	5
1300.A24.03	500	5
1300.A24.04	1000	5

### 25.01 - Bottles, Only For Gas Washing Bottles



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1300.A25.01	125	50 x 155	5
1300.A25.02	250	60 x 190	5
1300.A25.03	500	70 x 245	5

### 1300. A26.01 - Tubes, Gas Sampling, With Stopcock



Product Code	Capacity ml	Quantity Per Case	Price / Piece (₹)
1300.A26.01	125	5	395.00
1300.A26.02	250	5	424.00
1300.A26.03	500	5	460.00

### 1300.A27.01 – Impinger

- These bottles are mechanically strong and chemical resistant

Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
1300.A27.01	35	26 x 180	10





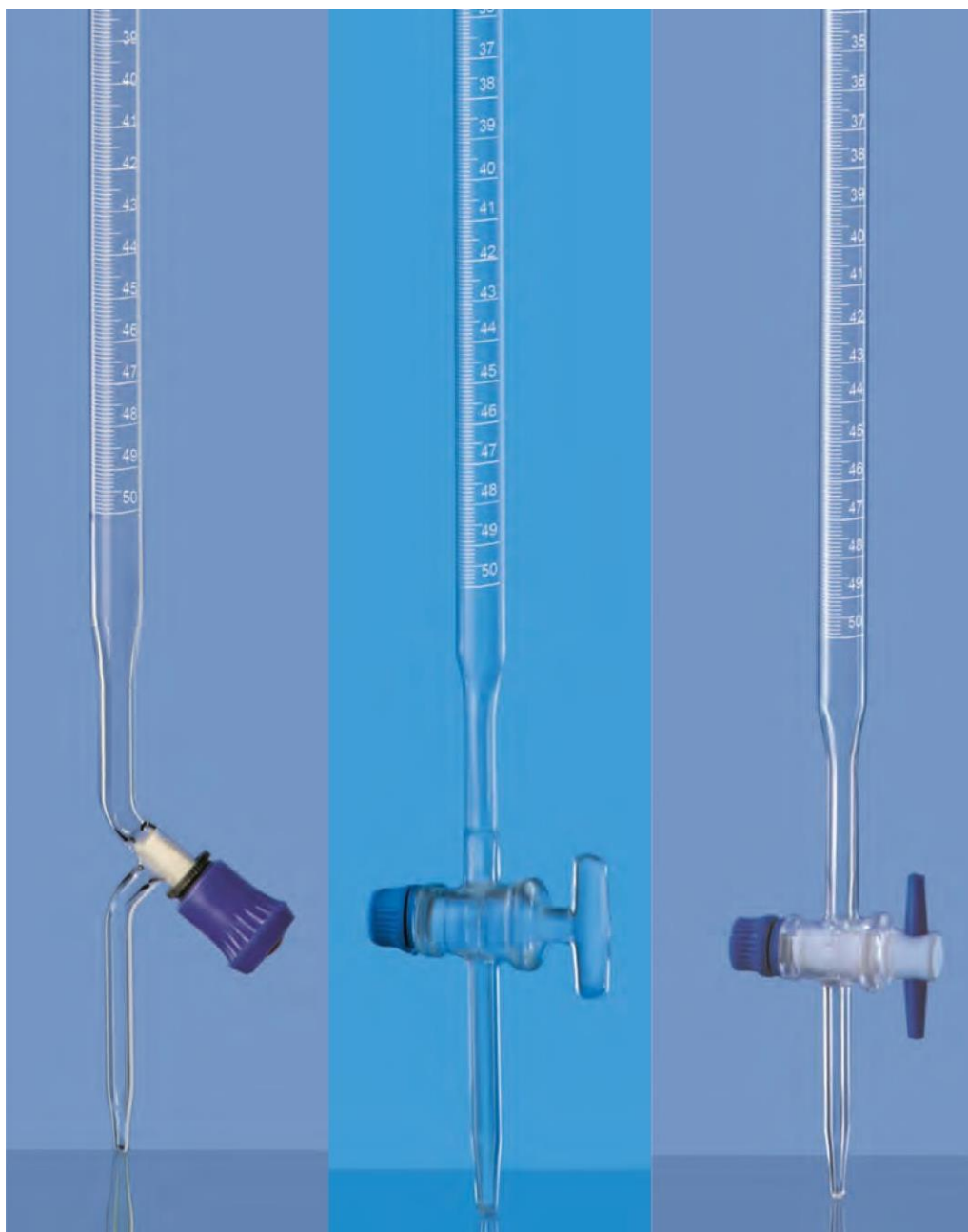


## Associated Scientific Manufacturing Industries



POWER TO INVENT

**If you are looking for Sintered Glassware Products,  
Filtration Assembly, Viscometer, etc.  
Then go to the Part A of the catalogue**



## Burettes

- Manufactured from 3.3 Low Expansion Borosilicate precision bore tubing
- Individually calibrated on automatic calibration machine for precision and high accuracy
- Graduation and inscriptions are printed with white enamel for increased visibility with dark solutions
- Choice of PTFE stopcock, Boroflo stopcock and Straight Bore Glass Stopcock
- Amber and blue enamel printed Burette can be supplied on request

### 1400. A1.01- Burettes, Pinchcock with Tip

- Calibrated at 20 degree Celsius
- Generally used in Titration process

Product Code	Capacity ml	Graduation Interval ml	Tolerance +_ ml	Quantity Per Case
1400.A1.01	10	0.05	0.05	10
1400.A1.02	25	0.1	0.1	10
1400.A1.03	50	0.1	0.1	20



### 1400. A2.01- Burettes, Boroflo, Fitted With Boroflo GP(General Purpose), Screw Thread Stopcocks with PTFE Keys

- Calibrated at 20 degree Celsius
- Generally used in Titration process
- Supplied with Boroflo stopcock with PTFE key that is highly resistant to chemical attack
- Individually tested for exact volume dispensed at 3 points on the scale
- No need to lubricate it as PTFE key is used

Product Code	Capacity ml	Graduation Interval ml	Tolerance +_ ml	Quantity Per Case
1400.A2.01	10	0.05	0.02	10
1400.A2.02	25	0.1	0.05	10
1400.A2.03	50	0.1	0.05	20
1400.A2.04	100	0.2	0.1	5



### 1400. A3.01- Burettes, Straight Bore Stopcock

- Calibrated at 20 C
- 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

Product Code	Capacity ml	Graduation Interval MI	Tolerance +/- ml	Quantity Per Case
1400.A3.01	1	0.01	0.006	5
1400.A3.02	2	0.02	0.01	5
1400.A3.03	5	0.02	0.01	5
1400.A3.04	10	0.05	0.02	5
1400.A3.05	25	0.1	0.05	5
1400.A3.06	50	0.1	0.05	5
1400.A3.07	100	0.2	0.1	5



### 1400. A4.01- Burettes, Double Oblique Bore Stopcock, 3-Way

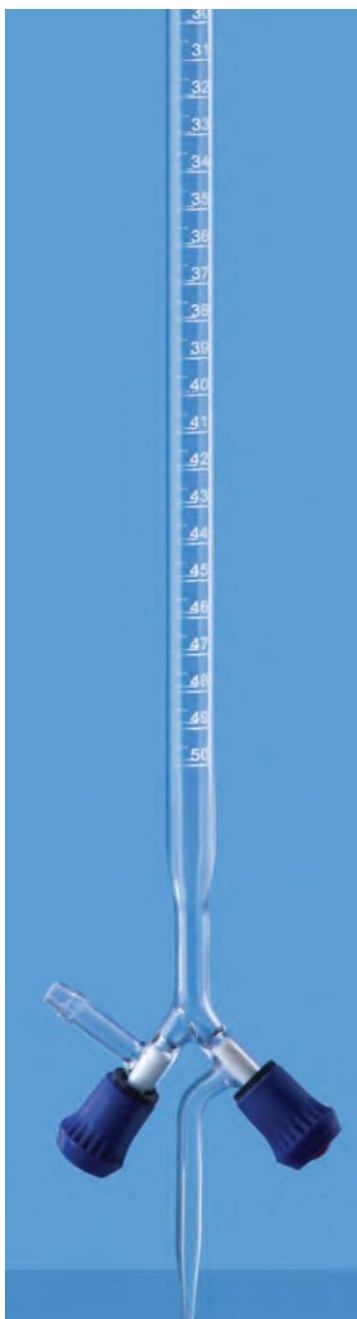
- Calibrated at 20 degree Celsius
- Designed with double oblique bore stopcock
- Generally used in Titration process
- Individually tested for exact volume dispensed at 3 points on the scale
- Designed with a straight bore stopcock that increases the life, compared to PTFE key stopcocks
- The glass stopcock enhances control and enables smoother action

Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Quantity Per Case
1400.A4.01	10	0.05	0.02	10
1400.A4.02	25	0.1	0.05	10
1400.A4.03	50	0.1	0.05	20
1400.A4.04	100	0.2	0.1	5



### 1400. A5.01- Burettes, Double Oblique Bore Boroflo Stopcock, 3-Way

- Calibrated at 20 degree Celsius
- Designed with a double oblique bore Boroflo stopcock
- Generally used in Titration process
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricate it as PTFE key is used



Product Code	Capacity ml	Graduation Interval MI	Tolerance +- ml	Quantity Per Case
1400.A5.01	10	0.05	0.02	10
1400.A5.02	25	0.1	0.05	10
1400.A5.03	50	0.1	0.05	20
1400.A5.04	100	0.2	0.1	5

## 1400. A6.01- Burettes, Straight Bore PTFE Key Stopcock

- Calibrated at 20 degree Celsius
- Generally used in Titration process Individually tested for exact volume dispensed at 3 points on the scale
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricate it as PTFE key is used

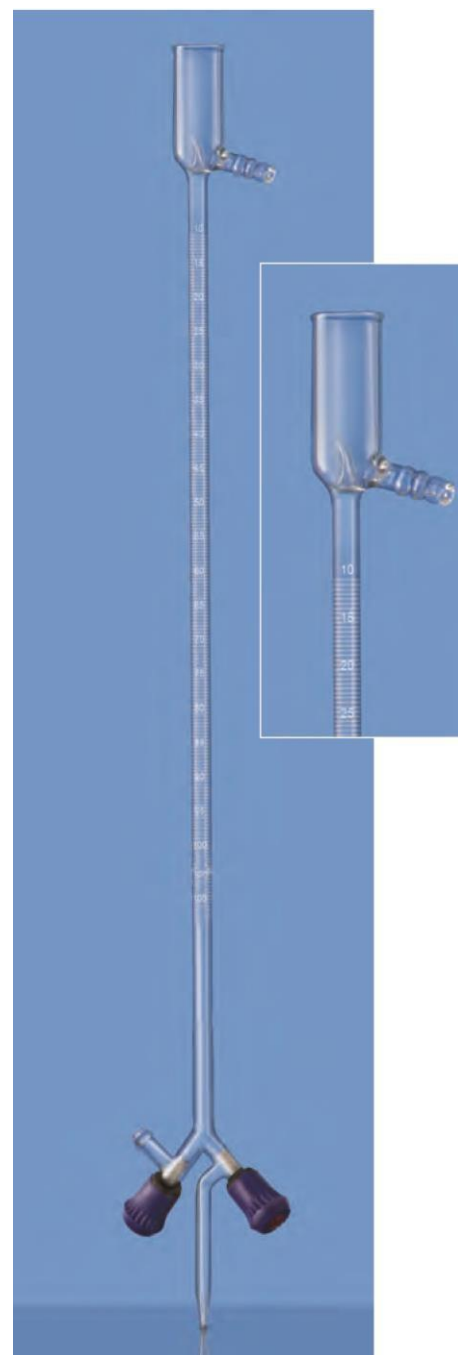
Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Quantity Per Case
1400.A6.01	10	0.05	0.02	10
1400.A6.02	25	0.1	0.05	10
1400.A6.03	50	0.1	0.05	20
1400.A6.04	100	0.2	0.1	5



## 1400. A7.01- Burettes, Double Oblique Bore Boroflo Stopcock, 3-Way, Automatic Zero

- Calibrated at 20 degree Celsius
- Comes with double oblique bore Boroflo stopcock
- Generally used in Titration process
- Individually tested for exact volume dispensed at 3 points on the scale
- Comes with PTFE key that is highly resistant to chemical attack
- No need to lubricate it as PTFE key is used
- Meniscus is automatically set to Zero

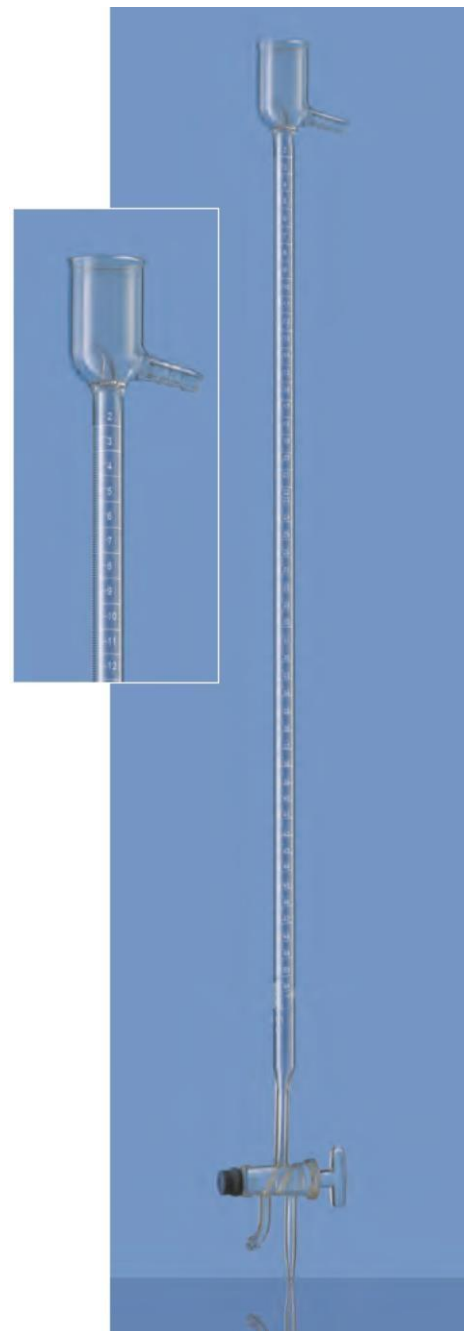
Product Code	Capacity ml	Graduation Interval ml	Tolerance +_ ml	Quantity Per Case
1400.A7.01	10	0.05	0.05	1
1400.A7.02	25	0.1	0.1	1
1400.A7.03	50	0.1	0.1	1





## 1400. A8.01- Burettes, Double Oblique Bore Glass Stopcock, 3-Way, Automatic Zero

- Calibrated at 20 degree Celsius
- Comes with double oblique bore Boroflo stopcock
- Generally used in Titration process
- Individually tested for exact volume dispensed at 3 points on the scale
- Designed with a straight bore stopcock that increases the life, compared to PTFE key stopcocks
- The glass stopcock enhances control and enables smoother action
- Meniscus is automatically set to Zero

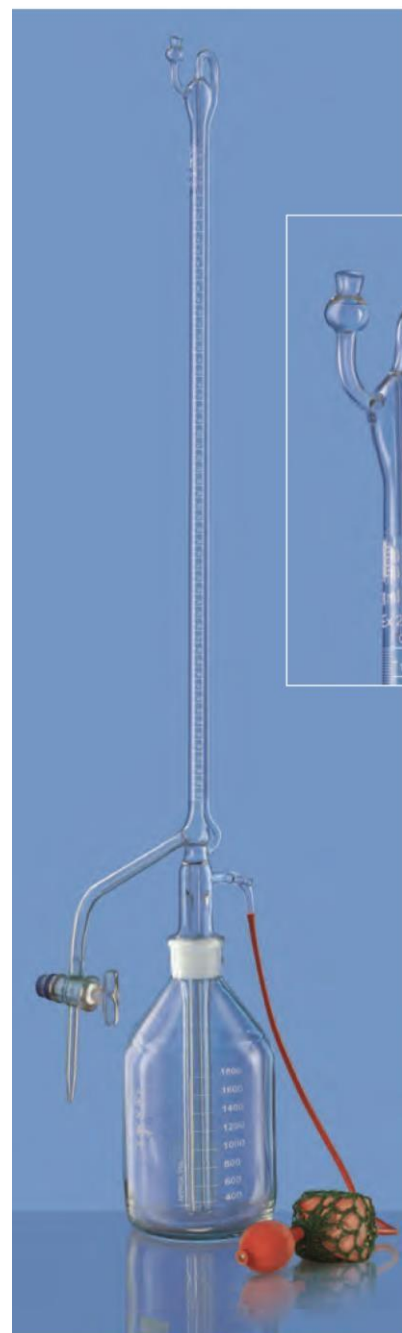


Product Code	Capacity ml	Graduation Interval ml	Tolerance +_ ml	Quantity Per Case
1400.A8.01	10	0.05	0.05	1
1400.A8.02	25	0.1	0.1	1
1400.A8.03	50	0.1	0.1	1

## 1400. A9.01-Burettes, Automatic Zero, With Reservoir, Rubber Bellow, Glass Stopcock

- Calibrated at 20 degree Celsius
- With automatic zero facility Simple operation
- To fill burette apply a slight positive pressure to lower side arm
- To set zero, release pressure to allow excess liquid to siphon back into the bottle
- Burettes manufactured from chemically resistant 3.3 borosilicate glass
- White enamel graduations
- With Glass stopcock

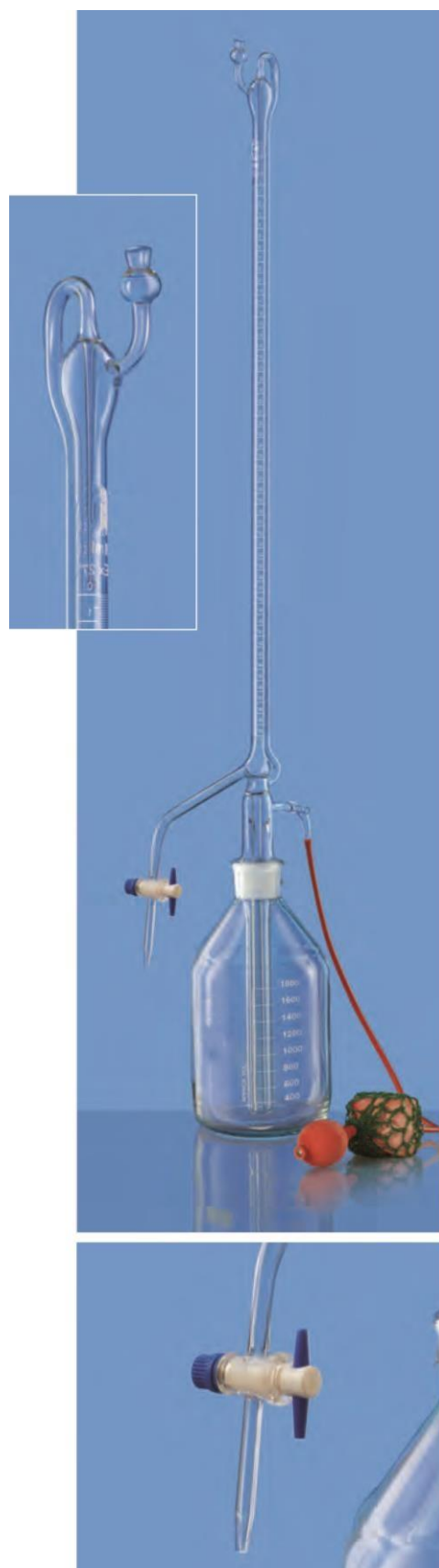
Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Quantity Per Case
1400.A9.01	10	0.05	0.02	1
1400.A9.02	25	0.1	0.05	1
1400.A9.03	50	0.1	0.05	1
1400.A9.04	100	0.2	0.1	1



### 1400. A10.01-Burettes, Automatic Zero, With Reservoir, Rubber Bellow, PTFE Stopcock

- Calibrated at 20 degree Celsius
- With automatic zero facility Simple operation
- Individually tested for exact volume dispensed at 3 points on the scale
- To fill burette apply a slight positive pressure to lower side arm
- To set zero, release pressure to allow excess liquid to siphon back into the bottle
- Burettes manufactured from chemically resistant 3.3 borosilicate glass
- White enamel graduations
- With PTFE stopcock

Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Quantity Per Case
1400.A10.01	10	0.05	0.02	1
1400.A10.02	25	0.1	0.05	1
1400.A10.03	50	0.1	0.05	1
1400.A10.04	100	0.2	0.1	1



### 1400. A11.01-- Burettes, Automatic Zero, With Reservoir, Rubber Bellow and Boroflo Stopcock

- Calibrated at 20 degree Celsius
- With automatic zero facility
- Individually tested for exact volume dispensed at 3 points on the scale
- To fill burette apply a slight positive pressure to lower side arm
- To set zero, release pressure to allow excess liquid to siphon back into the bottle
- Burettes manufactured from chemically resistant 3.3 borosilicate glass
- White enamel graduations
- With Boroflo stopcock

Product Code	Capacity ml	Graduation Interval MI	Tolerance +/- ml	Quantity Per Case
1400.A11.01	10	0.05	0.02	1
1400.A11.02	25	0.1	0.05	1
1400.A11.03	50	0.1	0.05	1
1400.A11.04	100	0.2	0.1	1



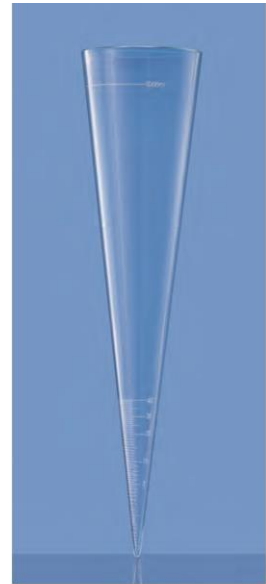
# Cones

Cones are utilized to determine small amounts of suspended matter in sewage by the Imhoff Sedimentation Method.

## 1500. A1.01- Cones, Imhoff, Sediment, Sharp Tip

- Graduated from 0 to 1 ml in 0.1 ml divisions
- Graduated from 1 to 10 ml in 0.5 ml divisions
- 10 to 40 ml in 1 ml divisions also marked at 1000 ml
- Facilitates the determination of the amount of sediment in sewage or industrial waste

Product Code	Approx. Total Height Mm	Approx. To Diameter mm	Quantity Per Case
1500.A1.01	454	110	1



## 1500. A2.01- Cones, Imhoff, Sediment, Blunt Tip

- The blunt tip increases its ruggedness and cleaning ease
- Ideal for use with heavy sediments where the ability to read small volumes is unimportant
- Facilitates the determination of the amount of sediment in sewage or industrial waste

Product Code	Approx. Total Height Mm	Approx. To Diameter mm	Quantity Per Case	Price / Piece (₹)
1500.A2.01	439	110	1	3400.00



## Condenser

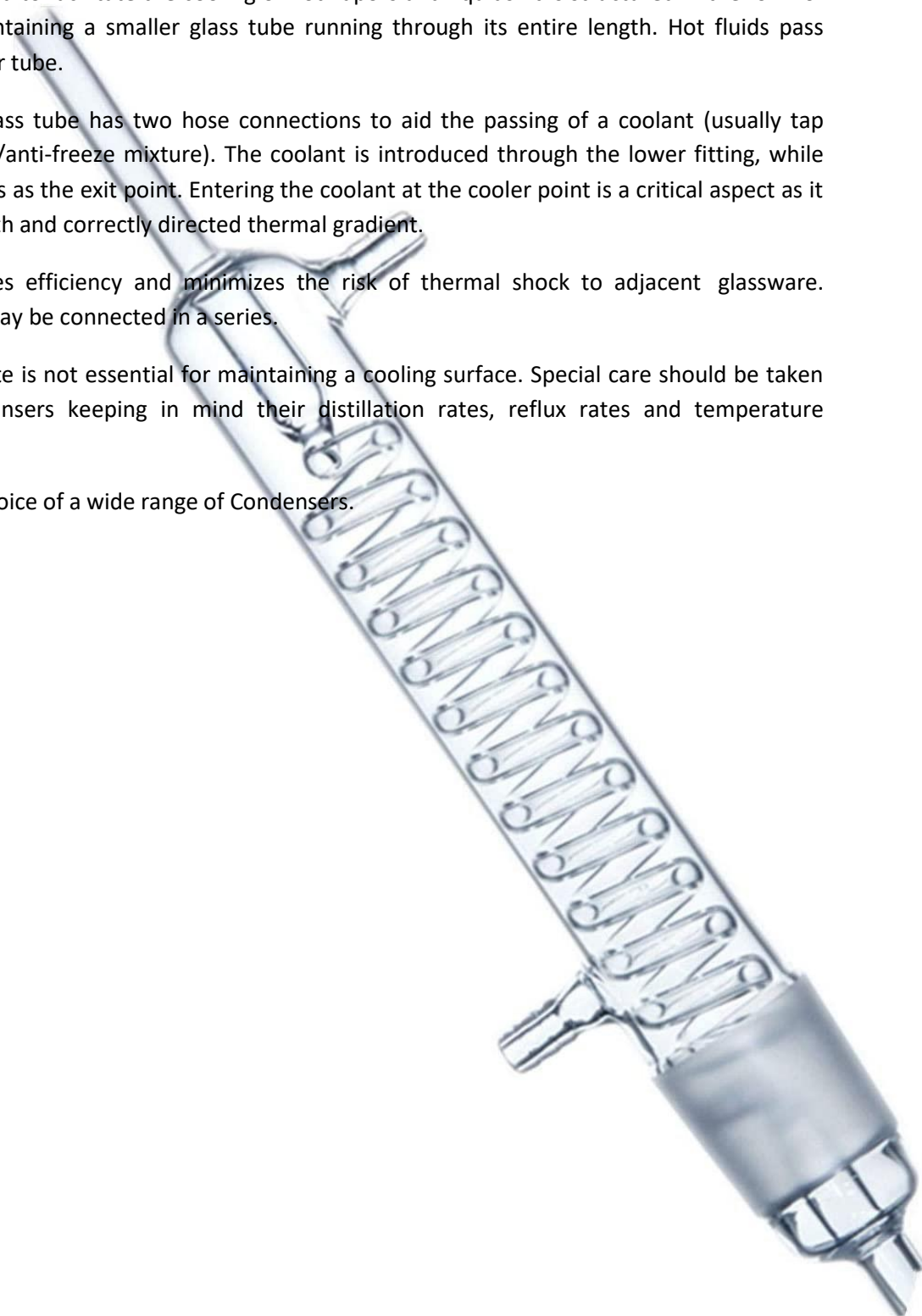
A Condenser is designed to facilitate the cooling of hot vapors and liquids. It is structured in the form of a large glass tube, containing a smaller glass tube running through its entire length. Hot fluids pass through this small inner tube.

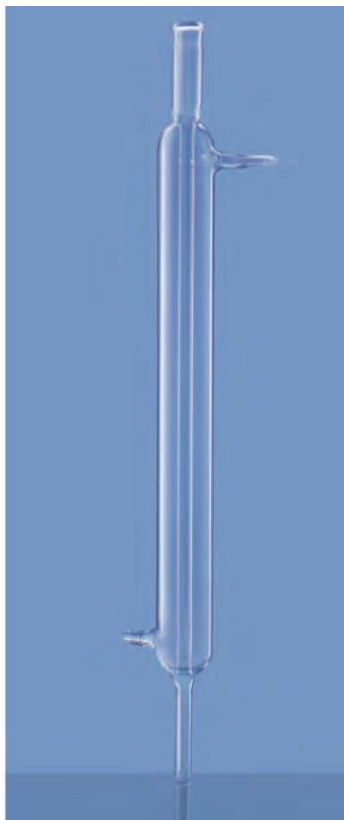
Typically, the outer glass tube has two hose connections to aid the passing of a coolant (usually tap water or chilled water/anti-freeze mixture). The coolant is introduced through the lower fitting, while the higher fitting serves as the exit point. Entering the coolant at the cooler point is a critical aspect as it helps maintain a smooth and correctly directed thermal gradient.

This in turn, maximizes efficiency and minimizes the risk of thermal shock to adjacent glassware. Multiple Condensers may be connected in a series.

Usually, a high flow rate is not essential for maintaining a cooling surface. Special care should be taken while choosing Condensers keeping in mind their distillation rates, reflux rates and temperature gradients.

**ASMI** offers you the choice of a wide range of Condensers.

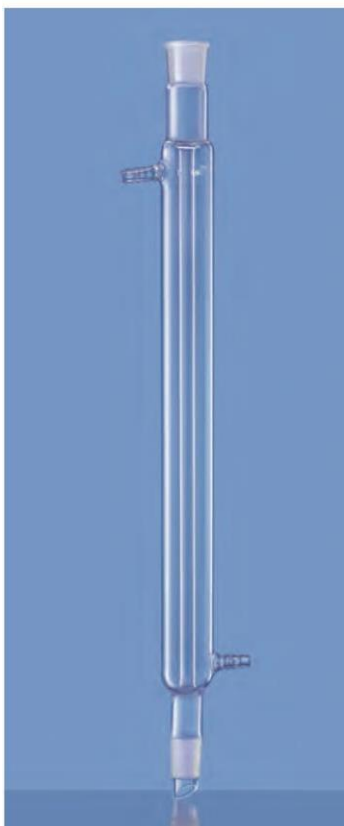




### 1600. A1.01- Condensers, Liebig, With Sealed Inner Tube

- Simple design
- The light wall of the inner tube facilitates efficient heat transfer
- Low cooling capacity
- Used for distillate separation

Product Code	Approx. length mm	Approx. Overall Height mm	Interchangeable Joints	Quantity Per Case
1600.A1.01	200	350	19/15	5
1600.A1.02	300	450	19/15	5
1600.A1.03	400	550	19/15	5
1600.A1.04	500	660	19/15	5



### 1600. A2.01- Condensers, Liebig, Drip Tip, Interchangeable Inner and Outer Joint

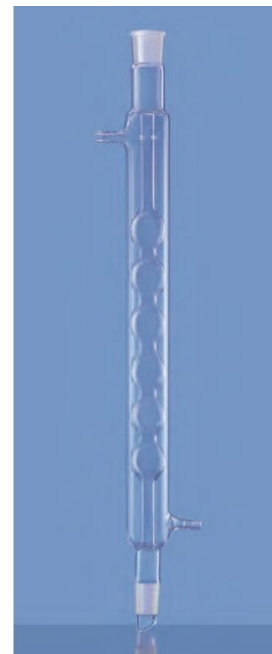
- Simple design
- The light wall of the inner tube facilitates efficient heat transfer
- Low cooling capacity
- Used for distillate separation

Product Code	Approx. Jacket length mm	Approx. Overall Height mm	Interchangeable Joints		Quantity Per Case
			Inner	outer	
1600.A2.01	200	350	19/26	19/26	5
1600.A2.02	300	450	24/29	24/29	5
1600.A2.03	400	550	24/29	24/29	5

### 1600. A3.01- Condensers, Allihn, Drip Tip, Interchangeable Inner and Outer Joint

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

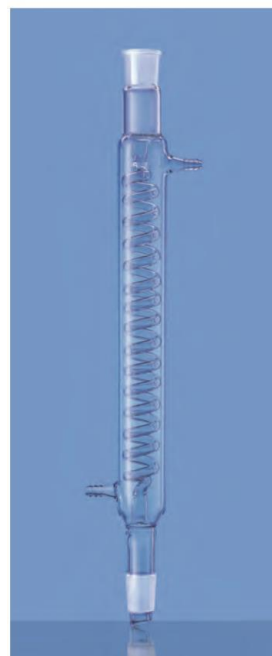
Product Code	Approx. Jacket length mm	Approx. Overall Height mm	Interchangeable Joints		Quantity Per Case
			Inner	outer	
1600.A3.01	200	350	19/26	19/26	5
1600.A3.02	300	450	24/29	24/29	5
1600.A3.03	400	550	24/29	24/29	5
1600.A3.03	600	740	24/29	24/22	5



### 1600. A4.01- Condensers, Graham, Coiled Distillate Type, Drip Tip, Interchangeable Inner and Outer Joint

- The coiled condensation tubes result in greater surface area for cooling
- Designed with top standard taper outer and lower inner drip tip joint

Product Code	Approx. Jacket length mm	Approx. Overall Height mm	Interchangeable Joints		Quantity Per Case
			Inner	outer	
1600.A4.01	200	350	19/26	19/26	5
1600.A4.02	300	450	24/29	24/29	5
1600.A4.03	400	550	24/29	24/29	5
1600.A4.03	600	740	24/29	24/22	5



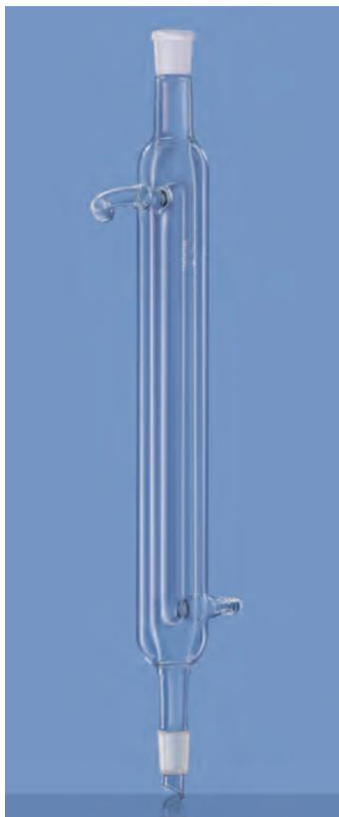




**1600. A5.01- Condensers, Friedrichs, Drip Tip,  
Interchangeable Inner and Outer Joint**

- Specially designed inner spiral tubes ensure a long vapor path
- Offer better heat transfer and anti-flooding capabilities

Product Code	Approx. Overall Height mm	Interchangeable Joints		Quantity Per Case
		Inner	outer	
1600.A5.01	350	24/29	24/29	5



**1600. A6.01- Davies Condensers, Double Surface**

Product Code	Length Of height mm	Ground Joints	Quantity Per Case
1600.A6.01	200	19/26	5
1600.A6.02	200	24/29	5
1600.A6.03	300	19/26	5
1600.A6.04	300	24/29	5

# Cylinders

Measuring cylinders serve simultaneously to receive and measure various measures of fluids. It is produced using uniquely drawn 3.3 Borosilicate glass tubing with tough, simple to peruse graduations for guaranteed precision.

**ASMI** Brand Cylinders are built to last. We have built strength features into every cylinder. Heavy uniform wall tubing and strong stable hexagonal base contribute to sturdiness. Hexagonal base also prevents them from rolling off a laboratory bench. They are available in capacities from 5 ml to 2000 ml.



## 1700. A1.01- Cylinders, Color Comparison, Nessler, Flat Bottom, Graduated

- Calibration at 20 degree Celsius
- Facilitates color comparison of water samples
- Manufactured from precision bore 3.3 borosilicate tubing selected for freedom from color or visible defects
- White enamel inscriptions

Product Code	Capacity ml	Approx O.D. x Height mm	Quantity Per Case
1700.A1.01	50	15 x 150	20
1700.A1.02	100	34 x 180	20



## 1700. A2.01- Cylinders, Graduated, Single Metric Scale, With Penny Head Interchangeable Stopper with Hexagonal Base Solid Stopper

- Calibration at 20 degree Celsius
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in Amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Solid glass stopper



Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Stopper Size	Quantity Per Case
1700.A2.01	5	0.1	0.05	10 / 19	5
1700.A2.02	10	0.2	0.10	10 / 19	5
1700.A2.03	25	0.5	0.25	14 / 23	10
1700.A2.04	50	1.0	0.50	14 / 23	10
1700.A2.05	100	1.0	0.50	19 / 26	10
1700.A2.06	250	2.0	1.00	24 / 29	5
1700.A2.07	500	5.0	2.50	24 / 29	5
1700.A2.08	1000	10.0	5.00	34 / 35	4
1700.A2.09	2000	20.0	10.0	34 / 35	4

## 1700. A3.01- Cylinders, Graduated, Single Metric Scale, With Penny Head Interchangeable Stopper with Hexagonal Base

- Calibration at 20 degree Celsius
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in Amber enamel
- Sturdy hexagonal base prevents roll-over and ensures greater stability
- Solid glass stopper

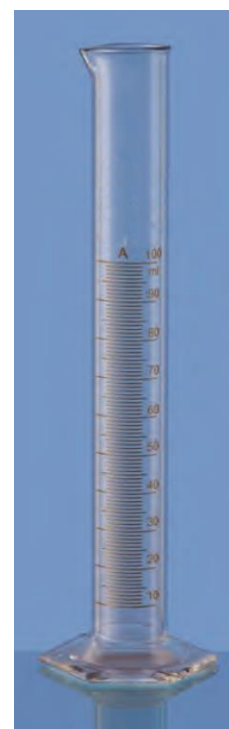
Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Quantity Per Case
1700.A3.01	5	0.1	0.05	5
1700.A3.02	10	0.2	0.10	5
1700.A3.03	20	1.0	0.25	10
1700.A3.04	25	0.5	0.25	10
1700.A3.05	50	1.0	0.50	10
1700.A3.06	100	1.0	0.50	10
1700.A3.07	150	2.0	0.50	5
1700.A3.08	250	2.0	1.00	10
1700.A3.09	500	5.0	2.50	5
1700.A3.10	1000	10.0	5.00	5
1700.A3.11	2000	20.0	10.0	5



## 1700. A4.01- Cylinders, Measuring as per ASTM D86 - for Petroleum Industry

- Complies with ASTM D 86
- Calibration at 20 degree Celsius
- Each cylinder is graduated with a unique serial number and comes with a certificate of calibration traceable to national standards
- Graduation in amber enamel
- Sturdy hexagonal base prevents roll over and ensures greater stability

Product Code	Capacity ml	Graduation Interval MI	Tolerance +/- ml	Quantity Per Case
1700.A4.01	100	1	1	5



## 1700. A5.01 - Cylinders, Graduated, Single Metric Scale, With Pour Out, With Hexagonal Base, Accuracy as per ASTM

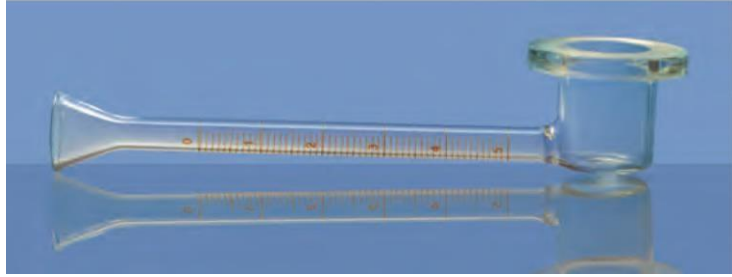
- Complies with ASTM E 1272
- Calibration at 20 degree Celsius
- Each cylinder is engraved with a unique serial number, and comes with a Certificate of Calibration traceable to national standards
- Graduations in Amber enamel
- Manufactured with chemically resistant 3.3 borosilicate glass
- Sturdy hexagonal base prevents roll-over and ensures greater stability

Product Code	Capacity ml	Graduation Interval MI	Tolerance +_ ml	Quantity Per Case
1700.A5.01	5	0.1	0.05	5
1700.A5.02	10	0.2	0.10	5
1700.A5.03	25	0.5	0.17	5
1700.A5.04	50	1.0	0.25	5
1700.A5.05	100	1.0	0.50	5
1700.A5.06	250	2.0	1.00	5
1700.A5.07	500	5.0	2.00	5
1700.A5.08	1000	10.0	3.00	5
1700.A5.09	2000	20.0	6.00	5



### 1700. A6.01 - Karsten Tube Horizontal, As Per USP

- Application in Cement Industry



Product Code	Flange Dia x Height mm	Quantity Per Case
1700.A6.01	40 x 160	5
1700.A6.02	52 x 200	5

### 1700. A7.01 - Karsten Tube Vertical

- Application in Cement Industry

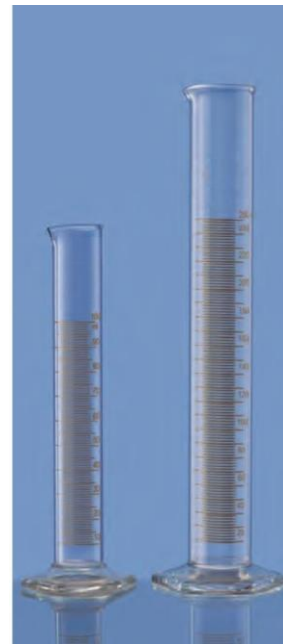
Product Code	Flange Dia x Height mm	Quantity Per Case
1700.A7.01	40 x 147	5





## 1700. A8.01 - Tapped Density Cylinder, As Per USP 616

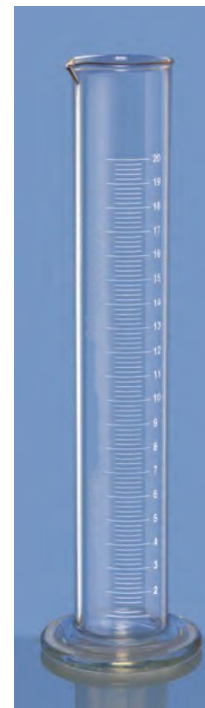
- Used in tapped density apparatus to measure bulk density of powders



Product Code	Capacity ml (Set)	Quantity Per Case (Set)
1700.A8.01	100 & 250	1
1700.A8.01	100	2
1700.A8.01	250	2

### 1700. A9.01- Cylinders, Rain Measure, Metric Scale, Graduated, With Round Base

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



Product Code	Size mm	Used For Collector Area cm <sup>2</sup>	Graduation Interval mm	Tolerance +_ mm	Quantity Per Case
1700.A9.01	20	200	0.2	0.05	5
1700.A9.02	20	100	0.2	0.10	10

# Desiccators

**ASMI** brand Desiccators are outfitted with bodies and covers that have incredible strength and utility. The body is planned with a smoothed out form that works with simple cleaning of the used desiccant. Any desiccant such as sulphuric acid, phosphoric pentoxide, calcium chloride or silica gel may be used in **ASMI** brand Desiccators. For your benefit, all **ASMI** brand Plain Desiccators of a similar size have interchangeable covers and bodies. At the point when the ground surface is cleaned and lubed, vacuum type Desiccators holds a vacuum of 500 mm of mercury.

## 1800. A1.01- Desiccators, With Cover and Porcelain Plate, Plastic Knob

- Robust Desiccator base and cover made of borosilicate glass
  - Simple design for drying under atmospheric pressure
  - Ground glass flanges
  - Plates are positioned on an internal ledge within the base
  - Generally used for drying of moist products, and for storage of moisture sensitive substances
- ☒ Approx. ID Ground Flange Range of 150mm - ₹ 1666, 200mm- ₹ 2940, 250mm - ₹ 4508 & 300mm - ₹ 7252 Desiccators are available.



## 1800. A2.01- Desiccators, Vacuum, Stopcock with PTFE Spindle, And Porcelain Plate

- Designed for use under vacuum
  - Sturdy construction of borosilicate glass
  - Ground glass flanges
  - Plates are positioned on an internal ledge within the base
  - Comes with PTFE stopcock at the top
  - Generally used for drying of moist products, and for storage of moisture sensitive substances
- Approx. ID Ground Flange Range of 150mm - ₹ 2744, 200mm- ₹ 4940, 250mm- ₹ 6272 & 300mm- ₹ 9800 Desiccators are available.



# Dishes

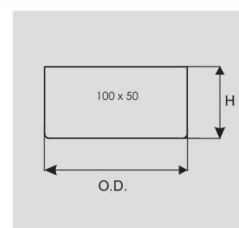
**ASMI** brand Dishes are intended to satisfy your wide-going necessities - Crystallizing, Evaporating, Drying, Storing, Petri dishes for culture, assay and micro-biological works. All **ASMI** brand Dishes are protected, sturdy and economical. **ASMI** brand Dishes are inert, can be sterilized and stay clear even after rehashed use and washing. With each ensuing use, the expense per Dish diminishes.



## 1900. A1.01- Dishes, Crystallizing

- Reinforced and fire-polished rims reduce chipping
- Large labeling field for easy marking
- Very high chemical resistance
- High resistance to thermal shocks

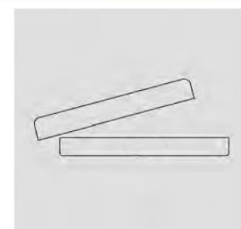
Product Code	Approx. O.D. x Height mm	Quantity Per Case
1900.A1.01	100 x 50	5
1900.A1.02	150 x 75	5
1900.A1.03	190 x 100	4



## 1900. A2.01 - Dishes, Culture, Petri (S Line products are available on demand)

- These Dishes are clear and withstand repeated sterilization (wet or dry)
- Made of 3.3 borosilicate glass using a special manufacturing process
- Beaded edges impart greater mechanical strength
- Ideal for use in routine work
- Specially form to ensure even wall thickness and consistent optical performance

Product Code	Approx. O.D. x Height mm	Quantity Per Case
1900.A2.01	50 x 17	100
1900.A2.02	80 x 17	100
1900.A2.03	100 x 17	100
1900.A2.04	150 x 20	40
1900.A2.05	200 x 20	10



### 1900. A3.01 - Trays, Drying, Heavy Wall

- The trays withstand hot air or steam sterilization
- Facilitates paper chromatography
- Dimensions are approximate, representing the inside length x width x height in mm

Product Code	Approx. Dimension mm	Approx. Capacity ml	Quantity Per Case
1900.A3.01	320 x 180 x 51	1500	5
1900.A3.02	350 x 200 x 58	2400	5
1900.A3.03	386 x 217 x 63	3000	5
1900.A3.04	404 x 257 x 61	3500	5



### 1900. A3.01 - Dishes, Evaporating, Flat Bottom, With Pour Out

- Made of 3.3 borosilicate glass
- Very high chemical resistance
- High resistance to thermal shocks
- Designed with a spout to facilitate clean pouring
- Withstand to repeated sterilization (Wet or dry)
- Beaded edge give greater mechanical strength
- Ideal for use in routine work

Product Code	Approx. O.D. x Height mm	Quantity Per Case
1900.A3.01	80 x 45	5
1900.A3.02	105 x 55	5
1900.A3.03	150 x 80	5
1900.A3.04	200 x 100	4



# Distilling Apparatus

Most of the distillation equipment needed in a normal research center can be built utilizing standard **ASMI** components. Distillation assemblies for specific applications are available as complete units, as listed herein.



### 2000. A1.01 - Distilling Apparatus, Ammonia, With Graham Condenser, Interchangeable Joints

- Ideal for determining nitrogen in organic compounds
- Digestion and distillation stages can be performed in this apparatus
- The inlet tube allows permanganate solution to be introduced after distillation

Product Code	Capacity ml (Set)	Quantity Per Case (Set)
2000.A1.01	500	2



### 2000. A2.01 - Distilling Apparatus, With Graham Condenser, Interchangeable Joints, Interchangeable Stopper

- Ideal for batch production of high purity distilled water
- General purpose Batch Distillation Assembly equipped with an interchangeable stoppered neck that facilitates addition
- The Flask has a flat base with a delivery tube on the side Ideal for batch production of high purity distilled water



Product Code	Capacity ml (Set)	Condenser Jacket mm	Interchangeable Joint	Quantity Per Case (Set)
2000.A2.01	500	200	19/26	2



### 2000. A3.01 - Distilling Apparatus, With Friedrichs Condenser, Interchangeable Joint, Interchangeable Stopper

- Ideal for batch production of high purity distilled water
- General purpose Batch Distillation Assembly equipped with an interchangeable stoppered neck that facilitates addition
- The Flask has a flat base with a delivery tube on the side
- Comes with Friedrich's Spiral Condenser for higher distillation rates

Product Code	Capacity ml (Set)	Interchangeable Joint	Quantity Per Case (Set)
2000.A3.01	2000	24/29	1



### 2000. A4.01 - Distilling Apparatus, Compact with Friedrichs Condenser, Interchangeable Joint

- A compact distillation assembly with specially designed Friedrich's Condensers
- This Condenser is designed with vapor tubing rising at the top
- A 1000 ml Erlenmeyer Flask is provided with an interchangeable 34/35 joint - ₹ 2922.00



### 2000. A5.01-Essential Oil Determination Apparatus (Clevenger Apparatus), For Oil Heavier Than Water

- This apparatus is ideal for estimation of volatile oil that is heavier than water
- Comes with a 5 ml Receiver with stopcock, an Oil Separator Tube, a condenser and 1000 ml flask

Product Code	Capacity ml (Set)	Quantity Per Case (Set)
2000.A5.01	1000	1
2000.A5.02	2000	1
2000.A5.03	5000	1
2000.A5.04	10000	1
2000.A5.05	20000	1

### 2000. A6.01-Essential Oil Determination Apparatus (Clevenger Apparatus), For Oil Lighter Than Water

- Ideal for estimation of volatile oil that is lighter than water
- Comes with a 5 ml Receiver with stopcock, an Oil Separator Tube, a condenser and 1000 ml flask

Product Code	Capacity ml (Set)	Quantity Per Case (Set)
2000.A6.01	1000	1
2000.A6.02	2000	1
2000.A6.03	5000	1
2000.A6.04	10000	1
2000.A6.05	20000	1



### 2000. A7.01 - Alcohol Distillation Unit

- Ideal for distilling alcohol in the laboratory to produce the purest grade
- Thorpe's revenue still for purification of ethyl alcohol popularly used in pharmaceutical industries

Product Code	Capacity ml (Set)	Quantity Per Case (Set)
2000.A7.01	1000	1



### 2000. A8.01 - R M Value Apparatus

- Ideal for use in dairy industries
- Facilitates the determination of butter fat, and the analysis of oil, fat and waxes

Product Code	Capacity ml (Set)	Quantity Per Case
2000.A8.01	300	1



## 2000. A9.01- Distilling Apparatus, Dean and Stark, Moisture Test

- Made of 3.3 borosilicate glass
- Uniform wall distribution of the Flask makes it suitable for heating
- Consists of a graduated 10 ml Receiver with 0.1 intervals

Product Code	Capacity Of receiver ml	Quantity Per Case (Set)
2000.A9.01	1000	2



# Water Distillation Purification Systems

Distillation eliminates water miscible organics and ionisable inorganic impurities, as well as colloidal solids from water.

**ASMI** Glass Distillation Units keep on being the compelling and efficient technique for producing ultra-pure water for lab use.

By contrast, De-ionisers are effective only in removing those substances that are ionised.

Moreover, the resins contribute organic impurities to water, resulting in an environment conducive to bacterial growth in course of time.

**ASMI** Distillation Units are designed to produce a distillate of consistent purity.

The Unit consists of horizontal Borosilicate Boilers, Condensers and a Quartz Heater. All the parts are replaceable.

## Advantages

- Compact and easy to use
- Economical and ideal for colleges and general laboratory use
- Powder-coated stand for rust-free operation
- Provision for easy cleaning of the Boiler



**2001. A1.01 - All Glass Single Distillation Units, with Borosilicate Boiler, Borosilicate Condenser & Quartz Heater, Horizontal Type.**



**2001. A2.01 - All Glass Double Distillation Units, with Borosilicate Boiler, Borosilicate Condenser & Quartz Heater, Horizontal Type.**

# MONO QUARTZ DISTILLATION UNIT

The supply of pyrogen-free distilled water is a basic requisite for Research, Analytical and Industrial Laboratories. Distilled water from metallic units does not meet the required standards. Moreover, such units are bulky and cumbersome.

**ASMI** Mono Quartz Distillers are very compact and are constructed of high purity quartz, thereby meeting the standard of analytical laboratories, where the purity of distilled water that is free from metallic ions and bacteria, is the chief criterion.

The Boiler is made of high purity quartz and the Condenser is made of borosilicate/quartz material. The built-in heater ensures minimum loss of heat, and production of distilled water in 2 to 3 minutes. The Unit is mounted on a powder-coated metal stand with electrical connections, and is easy to dismantle and assemble. The fibre glass insulated wire and silicone rubber boot resist high temperatures.

## Advantages

- Instant output of distilled water
- Free of pyrogen and heavy metals
- Efficient borosilicate/quartz Coil Condenser
- Powder-coated stand for rust-free operation



**2001. A3.01- Mono Quartz Distillation Unit, Panel Mounted with Quartz Boiler & Borosilicate Condenser, Vertical Model**



**2001. A4.01- Mono Quartz Distillation Unit, Panel Mounted with Quartz Boiler and Quartz Condenser, Vertical Model.**





# ALL QUARTZ DOUBLE DISTILLATION UNIT

The supply of pyrogen free distilled water is a basic requisite for research analytical and industrial laboratories, Moreover care should be taken while choosing the materials of the Distillation Apparatus and storage vessels, so as to prevent diffusion of impurities into the distillate.

**ASMI** manufactures Quartz Distillation Units with imported fused quartz tubes. The exceptionally high chemical purity and very low solubility of this material result in the production of a very high performance system. The greatest possible attention has been taken to ensure good technical performance, simplicity of use and efficiency.





**2001. A4.01- All Quartz Double Distillation Unit,  
Demountable Boiler Panel series, Vertical Model,**



**2001. A5.01- Water Softener**



**2001. A5.01- Aquatherm Heat Exchanger**

2001. A5.01- **Silicone tubing for distillation unit & laboratory application** (As per requirement)



2001. A5.01- **Cabinet Still**



**Compact**

**Economical**

**Ease of Maintenance**

**Made From  
Borosilicate Glass**

**High Purity Yield**

**Automatic operation**

## Extractors

Liquid Solid Extraction includes the elution of a solid sample with pure solvent vapor. The sample is held in the Extractor body either directly or in a thimble. The siphoning type of Soxhlet Extractor tracks down the widest application in laboratory work.

**ASMI** Soxhlet Extraction Apparatus is available in six sizes. The component parts of the apparatus are provided with interchangeable joints for greater flexibility.

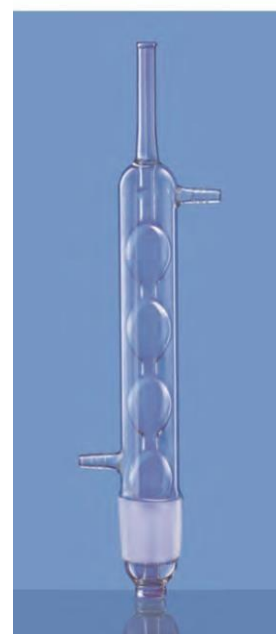
### 2002. A1.01- Extractors, Soxhlet, Interchangeable Joint

Product Code	Capacity ml	Interchangeable Joints		Quantity Per Case
		Inner	outer	
2002.A1.01	60	34 / 35	24/29	5
2002.A1.02	100	40 / 38	24/29	5
2002.A1.03	200	50 / 42	24/29	5



### 2002. A2.01- Condensers, Allihn Only For Extraction Apparatus

Product Code	Capacity ml	Interchangeable Joints	Quantity Per Case
2002.A2.01	Small	34 / 35	5
2002.A2.02	Medium	40 / 38	5
2002.A2.03	Large	50 / 42	5



## 2002.A3.01- Extraction Apparatus Soxhlet Complete With Allihn Condenser, Interchangeable Joint



Product Code	Capacity ml	Flask Size ml	Quantity Per Case
2002.A3.01	60	150	1
2002.A3.02	100	250	1
2002.A3.03	200	500	1
2002.A3.04	500	2000	1
2002.A3.05	1000	3000	1
2002.A3.06	2000	5000	1

# Flask

All laboratories require various types of Flask. **ASMI** offers a wide range of Flasks for a variety of applications such as boiling, culture, distilling, Erlenmeyer, Filtering, Iodine and Kjeldahl. Choose one to suit your needs.

**ASMI** brand Flasks are designed to deliver the best combination of thermal shock resistance, physical strength and resistance to chemical attack. They are made so as to withstand the demands of the modern laboratory. Flasks with interchangeable joints are particularly suitable for all glass apparatus assemblies. **ASMI** offers the interchangeable joints most commonly specified for a particular capacity. Tube Adaptors can be used to connect the Flask with a particular size joint to any other apparatus having a different size joint.



### 2003. A1.01 - Flasks, Boiling, Florence, Flat Bottom

- Uniform wall thickness distribution makes these Flasks ideal for heating Economical and ideal for colleges and general laboratory use
- All sizes have a durable matt-finished enameled area for marking with an ordinary pencil

Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case
2003.A1.01	25	42 x 90	20	10
2003.A1.02	50	51 x 90	26	10
2003.A1.03	100	64 x 105	26	10
2003.A1.04	150	75 x 132	28	10
2003.A1.05	250	85 x 140	34	10
2003.A1.06	300	87 x 160	24	10
2003.A1.07	500	105 x 165	34	5
2003.A1.08	1000	131 x 190	42	2
2003.A1.09	2000	167 x 237	50	2
2003.A1.10	3000	186 x 300	50	4
2003.A1.11	5000	223 x 317	57	2
2003.A1.12	6000	250 x 340	65	1
2003.A1.13	10000	279 x 400	65	1
2003.A1.14	20000	350 x 495	75	1



### 2003. A2.01 - Flasks, Boiling, Flat Bottom, Short Neck, Interchangeable Joint

- Uniform wall thickness distribution makes these Flasks ideal for heating
- All sizes have a durable matt-finished enameled area for marking with an ordinary pencil
- Equipped with interchangeable joint
- The flat base ensures that the Flask can be placed down even without the supporting ring

Product Code	Capacity ml	Interchangeable Joint	Approx. Height mm	Quantity Per Case
2003.A2.01	150	24 / 29	115	5
2003.A2.02	250	24 / 29	130	5
2003.A2.03	500	24 / 29	148	5
2003.A2.04	1000	34 / 35	288	2
2003.A2.05	2000	34 / 35	321	2
2003.A2.06	3000	34 / 35	345	2
2003.A2.07	5000	34 / 35	381	2



### 2003. A3.01 - Flasks, Boiling, Round Bottom

- Uniform wall thickness distribution makes these Flasks ideal for heating
- All sizes have a durable matt-finished enameled area for marking with an ordinary pencil

Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case
2003.A3.01	25	42 x 90	22	50
2003.A3.02	50	51 x 95	26	50
2003.A3.03	100	64 x 110	26	80
2003.A3.04	150	75 x 137	28	10
2003.A3.05	250	85 x 145	34	80
2003.A3.07	500	105 x 175	34	40
2003.A3.08	1000	131 x 205	42	20
2003.A3.09	2000	167 x 243	51	2
2003.A3.10	3000	186 x 305	50	4
2003.A3.11	5000	223 x 350	60	2
2003.A3.12	6000	250 x 350	65	1
2003.A3.13	10000	279 x 420	65	1
2003.A3.14	20000	350 x 405	87	1





### 2003. A4.01 - E - Flask without Side Cut For Dissolution

#### Apparatus

- Smooth hemispherical base with no flaws or defects, straight sides and a flat flange
- Graduated in intervals of 50ml
- Ideal for determining the dissolution characteristics of drugs in capsules and tablets



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
2003.A4.01	1000	131 x 173	10

### 2003. A5.01 - L - Flask with Side Cut For Dissolution

#### Apparatus

- Smooth hemispherical base with no flaws or defects, straight sides and a flat flange
- Two side-cuts at the flange
- Graduated in intervals of 50ml
- Ideal for determining the dissolution characteristics of drugs in capsules and tablets

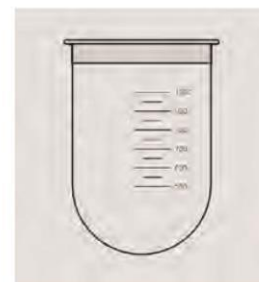


Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
2003.A5.01	1000	124 x 173	10

### 2003. A6.01 - D - Flasks for Dissolution Apparatus without side cut (USP Certificate)

- Smooth hemispherical base with no flaws or defects, straight sides and a flat flange
- Graduated in intervals of 50ml
- Ideal for determining the dissolution characteristics of drugs in capsules and tablets

Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
2003.A6.01	1000	107 x 161	10



### 2003. A7.01 - Flasks, Boiling, Pear Shaped, Short Neck, With Interchangeable Joint

- Made of 3.3 borosilicate glass
- The conical shape makes them ideal for small scale reaction
- Large labeling field

Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
2003.A7.01	5	10 / 19	10
2003.A7.02	5	14 / 23	10
2003.A7.03	10	10 / 19	10
2003.A7.04	10	14 / 23	10
2003.A7.05	25	14 / 23	5
2003.A7.06	50	14 / 23	10



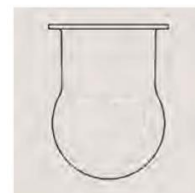
## 2003. A8.01 - Flasks, Pear Shape Suitable For Rotary Evaporators with Ground Socket



Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
2003.A8.01	50	24 / 29	2
2003.A8.02	50	29 / 32	2
2003.A8.03	100	24 / 29	2
2003.A8.04	100	29 / 32	2
2003.A8.05	250	24 / 29	2
2003.A8.06	250	29 / 32	2
2003.A8.07	500	24 / 29	2
2003.A8.08	500	29 / 32	2
2003.A8.09	1000	24 / 29	2
2003.A8.10	1000	29 / 32	2
2003.A8.11	2000	24 / 29	2
2003.A8.12	2000	29 / 32	2

**2003. A9.01 - Flasks, (Vessels) Reaction, Wide Mouth,  
With Flat Flange, 100 mm ID, 150mm OD**

Product Code	Capacity ml	Approx. Height mm	Quantity Per Case
2003.A9.01	1000	170	2
2003.A9.02	2000	205	2
2003.A9.03	5000	260	2
2003.A9.04	10000	335	1
2003.A9.05	20000	400	1



**2003. A10.01 - Lids, For Flasks Reaction, Flat Flange and  
Interchangeable Joint**

Product Code	Interchangeable Joint size Centre	Interchangeable Joint size Parallel	Interchangeable Joint size Side 5 degree	Interchangeable Joint size Side 10 degree	Interchangeable Joint size Side 15 degree	Quantity Per Case
2003.A10.01	19 / 26	19 / 26	24/29	19 / 26	-	2
2003.A10.02	19 / 26	14/23	14/23	14/23	29/32	2
2003.A10.03	29/32	14/23	14/23	14/23	29/32	2



## 2003. A11.01 - Flasks, Boiling, Round Bottom, Short Neck, With Interchangeable Joint

- Made of 3.3 borosilicate glass
- Uniform wall thickness distribution and the round bottom shape make them ideal for heating
- Generally used in distillation and extraction processes
- Large labeling field

Product Code	Capacity ml	Approx. Height mm	Interchangeable Joint	Quantity Per Case
2003.A11.01	5	60	14 / 23	10
2003.A11.02	10	65	14 / 23	10
2003.A11.03	25	73	14 / 23	10
2003.A11.04	25	76	19 / 26	10
2003.A11.05	50	95	14 / 23	5
2003.A11.06	50	95	19 / 26	5
2003.A11.07	50	95	24 / 29	5
2003.A11.08	50	95	29 / 32	5
2003.A11.09	50	95	34 / 35	5
2003.A11.10	100	120	14 / 23	2
2003.A11.11	100	120	19 / 26	20
2003.A11.12	100	120	24 / 29	20
2003.A11.13	100	120	29 / 32	20
2003.A11.14	100	120	34 / 35	20
2003.A11.15	250	140	14 / 23	20
2003.A11.16	250	140	19 / 26	20
2003.A11.17	250	140	24 / 29	20
2003.A11.18	250	140	29 / 32	20
2003.A11.19	250	140	34 / 35	20
2003.A11.20	500	170	14 / 23	10
2003.A11.21	500	170	19 / 26	10
2003.A11.22	500	170	24 / 29	10
2003.A11.23	500	170	29 / 32	10
2003.A11.24	500	170	34 / 35	10
2003.A11.25	1000	205	19 / 26	10
2003.A11.26	1000	205	24 / 29	10
2003.A11.27	1000	205	29 / 32	10
2003.A11.28	1000	205	34 / 35	10
2003.A11.29	1000	205	45 / 40	10
2003.A11.30	1000	205	55 / 44	10
2003.A11.31	2000	228	24 / 29	4
2003.A11.32	2000	228	29 / 32	4
2003.A11.33	2000	228	34 / 35	4
2003.A11.34	2000	228	45 / 40	4
2003.A11.35	3000	265	24 / 29	4
2003.A11.36	3000	265	29 / 32	4
2003.A11.37	3000	265	34 / 35	4
2003.A11.38	3000	265	45 / 40	4



2003.A11.39	3000	265	55 / 44	4
2003.A11.40	5000	300	24 / 29	2
2003.A11.41	5000	300	29 / 32	2
2003.A11.42	5000	300	34 / 35	2
2003.A11.43	5000	300	45 / 40	2
2003.A11.44	5000	300	55 / 44	2
2003.A11.45	10000	385	34 / 35	1
2003.A11.46	10000	385	45 / 40	1
2003.A11.47	10000	385	55 / 44	1
2003.A11.48	20000	435	55 / 44	1

### 2003. A12.01 - Flasks, Round Bottom, Two Necks, Centre Neck and One Angled Side Neck, With Interchangeable Joints

- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes
- One neck is centered and vertical. The side neck is inclined at an angle of 20 degree Celsius to the vertical neck

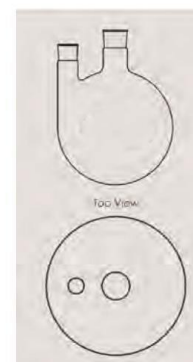


Product Code	Capacity ml	Interchange-able Joint Centre neck	Interchange-able Joint Side Neck	Quantity Per Case
2003.A12.01	100	19 / 26	14 / 23	4
2003.A12.02	100	24 / 29	19 / 26	4
2003.A12.03	100	24 / 29	19 / 26	4
2003.A12.04	250	24 / 29	14 / 23	4
2003.A12.05	250	24 / 29	19 / 26	4
2003.A12.06	500	24 / 29	14 / 23	2
2003.A12.07	500	24 / 29	19 / 26	2
2003.A12.08	1000	24 / 29	14 / 23	1
2003.A12.09	1000	24 / 29	19 / 26	1
2003.A12.10	2000	24 / 29	14 / 23	1
2003.A12.11	2000	24 / 29	19 / 26	1
2003.A12.12	2000	34 / 35	19 / 26	1
2003.A12.13	3000	34 / 35	19 / 26	1
2003.A12.14	3000	34 / 35	24 / 29	1
2003.A12.15	5000	34 / 35	19 / 26	1
2003.A12.16	5000	34 / 35	24 / 29	1
2003.A12.17	10000	34 / 35	24 / 29	1
2003.A12.18	10000	55 / 44	24 / 29	1
2003.A12.19	20000	55 / 44	24 / 29	1



### 2003. A13.01 - Flasks, Round Bottom, Two Necks, Centre Neck and One Parallel Side Neck, With Interchangeable Joints

- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes
- Both the necks are vertical. One neck is centered, while the other is the side neck



Product Code	Capacity ml	Interchangeable Joint Centre neck	Interchangeable Joint Side Neck	Quantity Per Case
2003.A13.01	100	19 / 26	14 / 23	4
2003.A13.02	100	19 / 26	19 / 26	4
2003.A13.03	100	24 / 29	19 / 26	4
2003.A13.04	250	24 / 29	14 / 23	4
2003.A13.05	250	24 / 29	19 / 26	4
2003.A13.06	500	24 / 29	14 / 23	2
2003.A13.07	500	24 / 29	19 / 26	2
2003.A13.08	1000	24 / 29	14 / 23	1
2003.A13.09	1000	24 / 29	19 / 26	1
2003.A13.10	2000	24 / 29	14 / 23	1
2003.A13.11	2000	24 / 29	19 / 26	1
2003.A13.12	2000	34 / 35	19 / 26	1
2003.A13.13	3000	34 / 35	19 / 26	1
2003.A13.14	3000	34 / 35	24 / 29	1
2003.A13.15	5000	34 / 35	19 / 26	1
2003.A13.16	5000	34 / 35	24 / 29	1
2003.A13.17	10000	34 / 35	24 / 29	1
2003.A13.18	10000	55 / 44	24 / 29	1
2003.A13.19	20000	55 / 44	24 / 29	1

## 2003. A14.01 - Flasks, Round Bottom, Three Necks, Centre Neck and Two Angled Side Necks, With Interchangeable Joints

- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes
- The centered neck is vertical.
- The two side necks are 180° apart and are inclined at an angle of 20° to the vertical neck

Product Code	Capacity ml	Interchangeable Joint Centre neck	Interchangeable Joint Side Neck	Interchangeable Joint Side Neck	Quantity Per Case
2003.A14.01	100	19 / 26	14 / 23	14 / 23	4
2003.A14.02	100	14 / 23	14 / 23	14 / 23	4
2003.A14.03	100	24 / 29	14 / 23	14 / 23	4
2003.A14.04	100	24 / 29	19 / 26	19 / 26	4
2003.A14.05	250	19 / 26	14 / 23	14 / 23	4
2003.A14.06	250	19 / 26	19 / 26	19 / 26	4
2003.A14.07	250	24 / 29	14 / 23	14 / 23	4
2003.A14.08	250	24 / 29	19 / 26	19 / 26	4
2003.A14.09	500	19 / 26	14 / 23	14 / 23	4
2003.A14.10	500	19 / 26	19 / 26	19 / 26	4
2003.A14.11	500	24 / 29	14 / 23	14 / 23	4
2003.A14.12	500	24 / 29	19 / 26	19 / 26	4
2003.A14.13	1000	24 / 29	14 / 23	14 / 23	2
2003.A14.14	1000	24 / 29	19 / 26	19 / 26	2
2003.A14.15	1000	34 / 35	24 / 29	24 / 29	2
2003.A14.16	1000	34 / 35	19 / 26	19 / 26	2
2003.A14.17	2000	24 / 29	14 / 23	14 / 23	2
2003.A14.18	2000	24 / 29	19 / 26	19 / 26	2
2003.A14.19	2000	34 / 35	19 / 26	19 / 26	2
2003.A14.20	2000	34 / 35	24 / 29	24 / 29	2
2003.A14.21	3000	34 / 35	19 / 26	19 / 26	2
2003.A14.22	3000	34 / 35	24 / 29	24 / 29	2
2003.A14.23	5000	34 / 35	19 / 26	19 / 26	1
2003.A14.24	5000	34 / 35	24 / 29	24 / 29	1
2003.A14.25	5000	45 / 40	24 / 29	24 / 29	1
2003.A14.26	10000	34 / 35	19 / 26	19 / 26	1
2003.A14.27	10000	34 / 35	24 / 29	24 / 29	1
2003.A14.28	10000	45 / 40	24 / 29	24 / 29	1
2003.A14.29	20000	55 / 44	24 / 29	24 / 29	1





## 2003. A15.01 - Flasks, Round Bottom, Three Necks, Centre Neck and Two parallel Side Necks, With Interchangeable Joints

- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes
- All the three necks are vertical. The two side necks are 180° apart

Product Code	Capacity ml	Interchangeable Joint Centre neck	Interchangeable Joint Side Neck	Interchangeable Joint Side Neck	Quantity Per Case
2003.A15.01	100	19 / 26	14 / 23	14 / 23	4
2003.A15.02	100	14 / 23	14 / 23	14 / 23	4
2003.A15.03	100	24 / 29	14 / 23	14 / 23	4
2003.A15.04	100	24 / 29	19 / 26	19 / 26	4
2003.A15.05	250	19 / 26	14 / 23	14 / 23	4
2003.A15.06	250	19 / 26	19 / 26	19 / 26	4
2003.A15.07	250	24 / 29	14 / 23	14 / 23	4
2003.A15.08	250	24 / 29	19 / 26	19 / 26	4
2003.A15.09	500	19 / 26	14 / 23	14 / 23	4
2003.A15.10	500	19 / 26	19 / 26	19 / 26	4
2003.A15.11	500	24 / 29	14 / 23	14 / 23	4
2003.A15.12	500	24 / 29	19 / 26	19 / 26	4
2003.A15.13	1000	24 / 29	14 / 23	14 / 23	2
2003.A15.14	1000	24 / 29	19 / 26	19 / 26	2
2003.A15.15	1000	34 / 35	24 / 29	24 / 29	2
2003.A15.16	1000	34 / 35	19 / 26	19 / 26	2
2003.A15.17	2000	24 / 29	14 / 23	14 / 23	2
2003.A15.18	2000	24 / 29	19 / 26	19 / 26	2
2003.A15.19	2000	34 / 35	19 / 26	19 / 26	2
2003.A15.20	2000	34 / 35	24 / 29	24 / 29	2
2003.A15.21	3000	34 / 35	19 / 26	19 / 26	2
2003.A15.22	3000	34 / 35	24 / 29	24 / 29	2
2003.A15.23	5000	34 / 35	19 / 26	19 / 26	1
2003.A15.24	5000	34 / 35	24 / 29	24 / 29	1
2003.A15.25	5000	45 / 40	24 / 29	24 / 29	1
2003.A15.26	10000	34 / 35	19 / 26	19 / 26	1
2003.A15.27	10000	34 / 35	24 / 29	24 / 29	1
2003.A15.28	10000	45 / 40	24 / 29	24 / 29	1
2003.A15.29	20000	55 / 44	24 / 29	24 / 29	1



## 2003. A16.01 - Flasks, Round Bottom, Four Necks, Centre Neck and Three Angled Side Neck, With Interchangeable Joints

- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes
- The centered neck is vertical. All the three side necks are inclined at an angle of 20° to the vertical neck
- The two side necks are 180° apart, and a third side neck is at from the other two necks

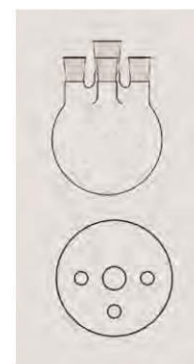
Product Code	Capacity ml	Interchangeable Joint Centre neck	Interchangeable Joint Side Necks	Quantity Per Case
2003.A16.01	50	24 / 29	24 / 29	10
2003.A16.02	100	14 / 23	14 / 23	4
2003.A16.03	100	24 / 29	14 / 23	4
2003.A16.04	100	24 / 29	19 / 26	4
2003.A16.05	250	19 / 26	14 / 23	4
2003.A16.06	250	19 / 26	19 / 26	4
2003.A16.07	250	24 / 29	14 / 23	4
2003.A16.08	250	24 / 29	19 / 26	4
2003.A16.09	500	19 / 26	14 / 23	4
2003.A16.10	500	19 / 26	19 / 26	4
2003.A16.11	500	24 / 29	14 / 23	4
2003.A16.12	500	24 / 29	19 / 26	4
2003.A16.13	1000	24 / 29	14 / 23	2
2003.A16.14	1000	24 / 29	19 / 26	2
2003.A16.15	1000	34 / 35	24 / 29	2
2003.A16.16	1000	34 / 35	19 / 26	2
2003.A16.17	2000	24 / 29	14 / 23	2
2003.A16.18	2000	24 / 29	19 / 26	2
2003.A16.19	2000	34 / 35	19 / 26	2
2003.A16.20	2000	34 / 35	24 / 29	2
2003.A16.21	3000	34 / 35	19 / 26	2
2003.A16.22	3000	34 / 35	24 / 29	2
2003.A16.23	5000	34 / 35	19 / 26	1
2003.A16.24	5000	34 / 35	24 / 29	1
2003.A16.25	5000	45 / 40	24 / 29	1
2003.A16.26	10000	34 / 35	19 / 26	1
2003.A16.27	10000	34 / 35	24 / 29	1
2003.A16.28	10000	45 / 40	24 / 29	1
2003.A16.29	20000	55 / 44	24 / 29	1



### 2003. A17.01 - Flasks, Round Bottom, Four Necks, Centre Neck and Three Parallel Side Neck, With Interchangeable Joints

- Uniform wall thickness distribution and the round-bottom shape make them ideal for heating
- The shape facilitates uniform heating
- Accessories, thermometer, column, dropping funnels, boiling capillaries, etc., can be fitted depending upon the application
- Generally used in distillation and extraction processes
- All the four necks are vertical. The two side necks are 180° apart
- The third neck is at from the other two necks

Product Code	Capacity ml	Interchangeable Joint Centre neck	Interchangeable Joint Side Necks	Quantity Per Case
2003.A17.01	50	24 / 29	24 / 29	10
2003.A17.02	100	14 / 23	14 / 23	4
2003.A17.03	100	24 / 29	14 / 23	4
2003.A17.04	100	24 / 29	19 / 26	4
2003.A17.05	250	19 / 26	14 / 23	4
2003.A17.06	250	19 / 26	19 / 26	4
2003.A17.07	250	24 / 29	14 / 23	4
2003.A17.08	250	24 / 29	19 / 26	4
2003.A17.09	500	19 / 26	14 / 23	4
2003.A17.10	500	19 / 26	19 / 26	4
2003.A17.11	500	24 / 29	14 / 23	4
2003.A17.12	500	24 / 29	19 / 26	4
2003.A17.13	1000	24 / 29	14 / 23	2
2003.A17.14	1000	24 / 29	19 / 26	2
2003.A17.15	1000	34 / 35	24 / 29	2
2003.A17.16	1000	34 / 35	19 / 26	2
2003.A17.17	2000	24 / 29	14 / 23	2
2003.A17.18	2000	24 / 29	19 / 26	2
2003.A17.19	2000	34 / 35	19 / 26	2
2003.A17.20	2000	34 / 35	24 / 29	2
2003.A17.21	3000	34 / 35	19 / 26	2
2003.A17.22	3000	34 / 35	24 / 29	2
2003.A17.23	5000	34 / 35	19 / 26	1
2003.A17.24	5000	34 / 35	24 / 29	1
2003.A17.25	5000	45 / 40	24 / 29	1
2003.A17.26	10000	34 / 35	19 / 26	1
2003.A17.27	10000	34 / 35	24 / 29	1
2003.A17.28	10000	45 / 40	24 / 29	1
2003.A17.29	20000	55 / 44	24 / 29	1



### 2003. A18.01 - Flasks, Culture, Haffkine

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

Product Code	Capacity ml	Approx. O.D. x Height mm	Quantity Per Case
2003.A18.01	3000	245 x 273	2
2003.A18.02	4000	246 x 310	2



### 2003. A19.01 - Flasks, Distilling, With Side Arm

- Uniform wall thickness distribution makes these Flasks ideal for heating
- Suitable for distillation process
- Specification as per the Institute of Petroleum Standard No. IP 123 / 64

Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case
2003.A19.01	100	64 x 210	21	4
2003.A19.02	125	70 x 215	21	4
2003.A19.03	250	88 x 230	25	4
2003.A19.04	500	110 x 250	28	4
2003.A19.05	1000	130 x 305	31	4



**2003. A20.01 - Flasks, Distilling with i/c joint 19/26 as per ASTM D86**

- 125ml Flask of approx. O.D. height 70 x 215 mm & approx. neck I.D. of 19 with i/c joint 19/26.



### 2003. A22.01 - Flasks, Erlenmeyer, Conical, Narrow Mouth

- Uniform wall thickness distribution makes these Flasks ideal for heating
- The conical form makes them suitable for mixing liquids
- The easy-to-read scale and large labeling field facilitate easy marking
- Graduated from 25 ml to 5000 ml

Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case
2003.A21.01	10	37 x 60	15	10
2003.A21.02	25	40 x 70	22	10
2003.A21.03	50	51 x 82	22	10
2003.A21.04	100	64 x 105	22	10
2003.A21.05	150	72 x 124	28	10
2003.A21.06	250	85 x 140	34	5
2003.A21.07	500	105 x 185	38	5
2003.A21.08	1000	131 x 220	42	5
2003.A21.09	2000	168 x 280	52	5
2003.A21.10	3000	185 x 315	48	5
2003.A21.11	5000	220 x 367	50	2



### 2003. A22.01 - Flasks, Erlenmeyer, Conical, Long Neck, Without Rim

- Uniform wall thickness distribution makes these Flasks ideal for heating
- Ideal for culture work
- Long neck designed for cotton plugs and metal caps
- The conical form makes them suitable for mixing liquids
- The easy-to-read scale and large labeling field facilitate easy marking



Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case
2003.A22.01	250	78 x 154	27	5

### 2003. A23.01- Flasks, Conical, Without Rim

- Uniform wall thickness distribution makes these Flasks ideal for heating
- Ideal for culture work
- Designed without a rim for use in the shaker machine
- The conical form makes them suitable for mixing liquids
- The easy-to-read scale and large labeling field facilitate easy marking



Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck O.D. mm	Quantity Per Case
2003.A23.01	750	114 x 210	42	5

### 2003. A24.01- Flasks, Erlenmeyer, Conical, Narrow Mouth, Interchangeable Joint

- Uniform wall thickness distribution makes these Flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- The easy-to-read scale and large labeling field facilitate easy marking
- Equipped with interchangeable joints

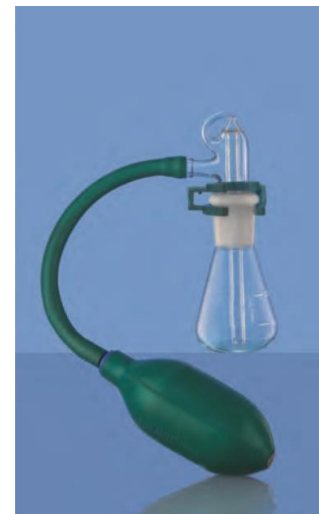
Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case
2003.A24.01	25	14 / 23	5
2003.A24.02	50	19 / 26	5
2003.A24.03	100	24 / 29	5
2003.A24.04	250	24 / 29	5
2003.A24.05	500	24 / 29	5





## 2003. A25.01- Flask Chromatography Sprayers with Rubber Bulb

Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck I.D.	Quantity Per Case
2003.A25.01	25	44 x 78	19	5
2003.A25.02	50	51 x 91	19	5
2003.A25.03	100	64 x 110	19	5



## 2003. A26.01- Chromatography Sprayer Head

Product Code	Capacity ml	Quantity Per Case
2003.A26.01	25	5
2003.A26.02	50	5
2003.A26.03	100	5



### 2003. A27.01- Flasks, Tilt Measure

- deal for dispensing fixed volume of liquid
- Easy to use
- Tilt the unit backward to fill
- Tilt the unit forward to dispense
- Accuracy  $\pm 5\%$  can be achieved
- Manufactured from chemically resistance 3.3 borosilicate tubing

Product Code	Capacity ml	Flask Capacity ml	Quantity Per Case
2003.A27.01	5	100	5
2003.A27.02	10	250	5
2003.A27.03	20	250	10
2003.A27.04	25	250	10
2003.A27.05	50	250	10



### 2003. A28.01 -Flasks, Erlenmeyer, Conical, Narrow Mouth, With Interchangeable Stopper

- Uniform wall thickness distribution makes these Flasks ideal for heating
- The conical form makes them suitable for mixing of liquid
- These Flasks can be closed with a glass stopper

Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case
2003.A28.01	25	14 / 23	10
2003.A28.02	50	19 / 26	10
2003.A28.03	100	24 / 29	10
2003.A28.04	250	24 / 29	10
2003.A28.05	500	24 / 29	5
2003.A28.06	1000	24 / 29	5
2003.A28.07	2000	24 / 29	5



### 2003. A29.01 - Flasks, Conical, With Screw Cap

- 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 screw cap
- The caps are made of PP

Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case
2003.A29.01	100	GL 25	10
2003.A29.02	250	GL 25	10
2003.A29.03	150	GL 32	10
2003.A29.04	500	GL 32	10
2003.A29.05	1000	GL 45	10
2003.A29.06	2000	GL 45	10
2003.A29.07	5000	GL 45	10



### 2003. A30.01- Erlenmeyer, Conical, Wide Mouth

- Uniform wall thickness distribution makes these Flasks ideal for heating
- The conical form makes them suitable for mixing of liquids
- The easy-to-read scale and large labeling field facilitate easy marking
- Designed with a wide neck that makes cleaning and filling easier



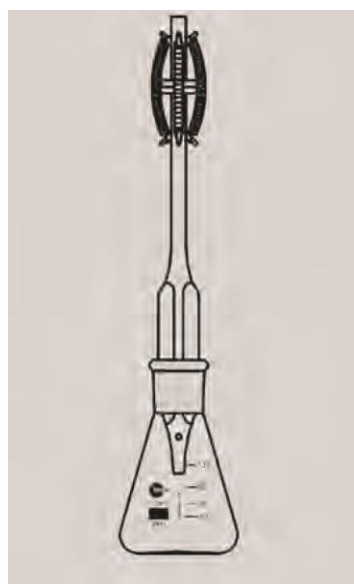
Product Code	Capacity ml	Approx. O.D. x Height mm	Approx. Neck I.D.	Quantity Per Case
2003.A30.01	100	70 x 110	34	20
2003.A30.02	250	85 x 142	50	20
2003.A30.03	500	105 x 175	50	20
2003.A30.04	1000	130 x 220	56	20



2003. A31.01- Arsenic Determination Apparatus as per USP



2003. A32.01- **Arsenic Determination Apparatus Gutzeit -**



2003. A32.01- **Arsenic Determination Apparatus as per  
BP**



**2003. A33.01- Arsenic Determination Apparatus as per IP**

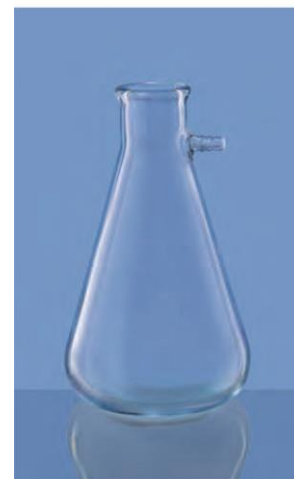


**2003. A34.01- Arsenic Determination Apparatus as per IS**

### 2003. A35.01- Flasks, Filtering, Bolt Neck, With Tubulation

- These Flasks are blown in special molds
- The shape is designed to impart maximum mechanical strength
- The neck finish is designed for strength and to ensure good stopper fit

Product Code	Capacity ml	Quantity Per Case
2003.A35.01	50	50
2003.A35.02	100	20
2003.A35.03	250	20
2003.A35.04	500	10
2003.A35.05	1000	5
2003.A35.06	2000	2
2003.A35.07	3000	2
2003.A35.08	5000	1
2003.A35.09	10000	1
2003.A35.10	20000	1



### 2003. A36.01- Flasks, Filtering, Bolt Neck, With Tubulation

Product Code	Capacity ml	Interchangeable Joint	Quantity Per Case
2003.A37.01	100	24/29	10
2003.A37.02	250	24/29	10
2003.A37.03	150	24/29	10





2003. A36.01- **Flasks, Kjeldahl, Round Bottom, Long Neck & Interchangeable Joint** (As per Requirement)





## Volumetric Flask

As the field of science evolves with more research & educational institutions as well as industrial applications expanding day by day, the requirement for excellent quality dish sets has been felt like never before previously. Be it the preparation of standard solutions or making the right volume with appropriate calibration, Volumetric Glassware offers the right mix of quality and efficiency for numerous purposes.



## 2004. A1.01- Jars, Measuring, With Pour Out

- Suitable for measurement of petrol
- Calibrated as per weight and measure guidelines



Product Code	Capacity ml	Quantity Per Case
2004.A1.01	5000	1

## 2004. A2.01- Flasks, Volumetric, With Interchangeable Glass Solid Stopper/Plastic Stopper

- Manufactured from borosilicate glass for corrosion-free performance
- Amber enamel inscriptions
- 4 ml to 20 ml supplied with trapezoidal shape for better stability



Product Code	Capacity ml	Tolerance +_ ml	Stopper Size	Quantity Per Case
2004.A2.01	1	0.015	7 / 16	5
2004.A2.02	2	0.015	7 / 16	5
2004.A2.03	5	0.025	7 / 16	5
2004.A2.04	10	0.025	7 / 16	5
2004.A2.05	20	0.04	10 / 19	5
2004.A2.06	25	0.04	10 / 19	5
2004.A2.07	50	0.06	12 / 21	5
2004.A2.08	100	0.10	14 / 23	5
2004.A2.09	200	0.15	14 / 23	5
2004.A2.10	250	0.15	14 / 23	5
2004.A2.11	500	0.25	19 / 26	5
2004.A2.12	1000	0.40	24 / 29	5
2004.A2.13	2000	0.60	29 / 32	5
2004.A2.14	5000	1.20	34 / 35	5

## 2004. A3.01- Flask, Wide Mouth Volumetric with interchangeable Solid Glass Stopper

- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Specially designed wide mouth for testing bigger dia. Tablet without making it in powder form



Product Code	Capacity ml	Tolerance +_ ml	Stopper Size	Quantity Per Case
2004.A3.01	25	0.06	12 / 21	5
2004.A3.02	50	0.1	14 / 23	10
2004.A3.03	100	0.2	19 / 26	10
2004.A3.04	200	0.2	19 / 26	10

## 2004. A4.01- Flasks, Volumetric, With Interchangeable Glass Solid Stopper

- Calibrated at 20°C
- Manufactured from 3.3 borosilicate glass for corrosion-free performance
- Amber enamel inscriptions
- 5 ml to 20 ml supplied with trapezoidal shape for better stability



Product Code	Capacity ml	Tolerance +_ ml	Stopper Size	Quantity Per Case
2004.A4.01	5	0.02	7 / 16	5
2004.A4.02	10	0.02	7 / 16	5
2004.A4.03	20	0.03	10 / 19	5
2004.A4.04	25	0.03	10 / 19	5
2004.A4.05	50	0.05	12 / 21	5
2004.A4.06	100	0.08	14 / 23	5
2004.A4.07	200	0.10	14 / 23	5
2004.A4.08	250	0.12	14 / 23	5
2004.A4.09	500	0.20	19 / 26	5
2004.A4.10	1000	0.30	24 / 29	5
2004.A4.11	2000	0.50	29 / 32	5

## 2004. A5.01- Flasks, Volumetric, Sugar Estimation, Without Stopper

- A two mark flask designed for the analysis of sugar solutions.
- The two graduation marks provide a dilution of 1 in 10



Product Code	Capacity ml	Tolerance +_ ml	Quantity Per Case
2004.A5.01	100/110	0.15	20

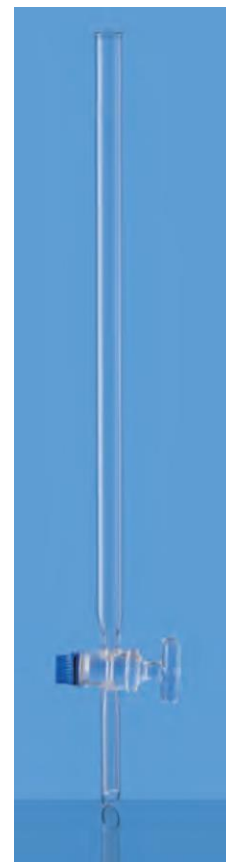
# Column chromatography

Column chromatography in chemistry is a method used to purify individual chemical compounds from mixtures of compounds. It is often used for preparative applications on scales from micrograms up to kilograms. The main advantage of column chromatography is the relatively low cost and disposability of the stationary phase used in the process. The latter prevents cross-contamination and stationary phase degradation due to recycling.

## 2005. A1.01- Columns, Chromatography, Plain with Glass Stopcock

- Designed with straight bore stopcock that increases the life as compared to PTFE key stopcocks
- The glass stopcock enhances control and facilitates smoother action.
- Generally used for purification of individual compounds from mixtures of compounds

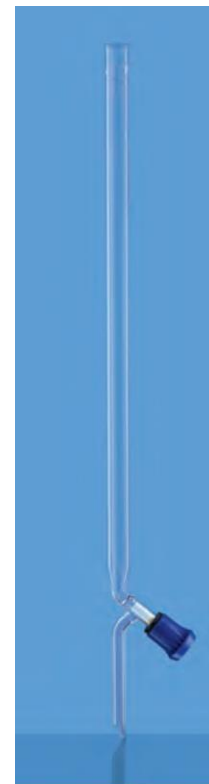
Product Code	Extrator Length mm	Bore mm	Quantity Per Case
2005.A1.01	200	10	5
2005.A1.02	300	10	5
2005.A1.03	300	18	5
2005.A1.04	450	30	5
2005.A1.05	500	10	5
2005.A1.06	500	18	5
2005.A1.07	600	30	5
2005.A1.08	600	40	5
2005.A1.09	1000	40	5



### 2005. A2.01- Columns, Chromatography, Plain with Boroflo Stopcock

- Generally used for purification of individual compounds from mixtures of compounds
- Columns are added with a sintered disk ( Grade I) for good result

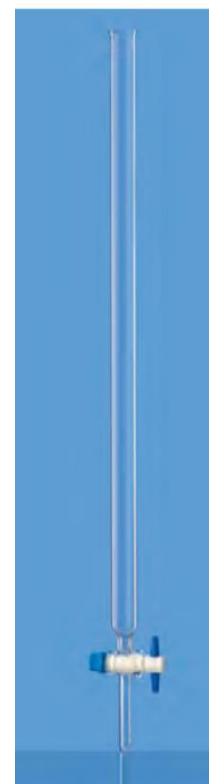
Product Code	Extrator Length mm	Bore mm	Quantity Per Case
2005.A2.01	200	10	5
2005.A2.02	300	10	5
2005.A2.03	300	18	5
2005.A2.04	450	30	5
2005.A2.05	500	10	5
2005.A2.06	500	18	5
2005.A2.07	600	30	5
2005.A2.08	600	40	5
2005.A2.09	1000	40	5



### 2005. A3.01- Columns, Chromatography, Plain with PTFE Stopcock

- Equipped with PTFE key that is highly resistant to chemical attack
- No lubrication required as PTFE key is used
- Generally used for purification of individual compounds from mixtures of compounds
- Columns are added with a sintered disk (Grade I) for good result

Product Code	Extrator Length mm	Bore mm	Quantity Per Case
2005.A3.01	200	10	5
2005.A3.02	300	10	5
2005.A3.03	300	18	5
2005.A3.04	450	30	5
2005.A3.05	500	10	5
2005.A3.06	500	18	5
2005.A3.07	600	30	5
2005.A3.08	600	40	5
2005.A3.09	1000	40	5

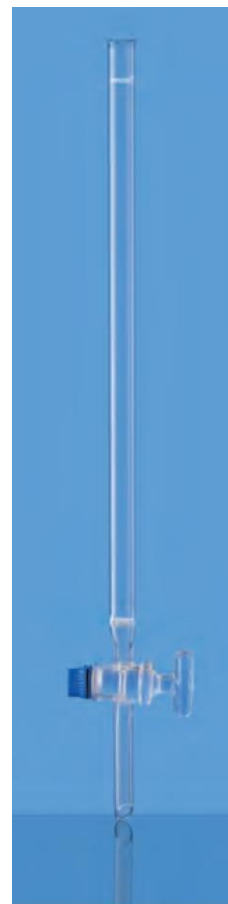




## 2005. A4.01- Columns, Chromatography, Plain with Sintered Disc and Glass Stopcock

- Designed with straight bore stopcock that increases the life as compared to PTFE key stopcocks
- The glass stopcock enhances control and facilitates smoother action.
- Columns are added with a Sintered Disc for good results.
- Generally used for purification of individual compounds from mixtures of compounds
- Columns are added with a sintered disk ( Grade I) for good result

Product Code	Extrator Length mm	Bore mm	Quantity Per Case
2005.A4.01	200	10	5
2005.A4.02	300	10	5
2005.A4.03	300	18	5
2005.A4.04	450	30	5
2005.A4.05	500	10	5
2005.A4.06	500	18	5
2005.A4.07	600	30	5
2005.A4.08	600	40	5
2005.A4.09	1000	40	5



### 2005. A5.01- Columns, Chromatography, Plain with Sintered Disc and Boroflo Stopcock

- Equipped with PTFE key that is highly resistant to chemical attack
- No lubrication required as PTFE key is used
- Columns are added with a Sintered Disc for good results.
- Generally used for purification of individual compounds from mixtures of compounds

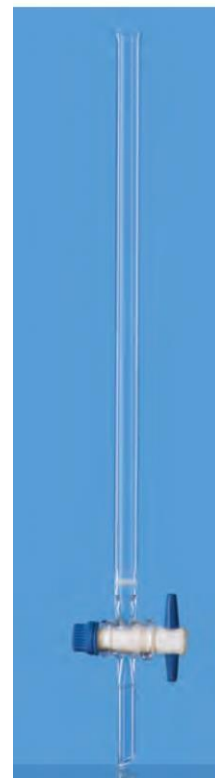
Product Code	Extrator Length mm	Bore mm	Quantity Per Case
2005.A5.01	200	10	5
2005.A5.02	300	10	5
2005.A5.03	300	18	5
2005.A5.04	450	30	5
2005.A5.05	500	10	5
2005.A5.06	500	18	5
2005.A5.07	600	30	5
2005.A5.08	600	40	5
2005.A5.09	1000	40	5



### 2005. A6.01- Columns, Chromatography, Plain with Sintered Disc and PTFE Stopcock

- Equipped with PTFE key that is highly resistant to chemical attack
- No lubrication required as PTFE key is used
- Columns are added with a Sintered Disc for good results.
- Generally used for purification of individual compounds from mixtures of compounds

Product Code	Extrator Length mm	Bore mm	Quantity Per Case
2005.A5.01	200	10	5
2005.A5.02	300	10	5
2005.A5.03	300	18	5
2005.A5.04	450	30	5
2005.A5.05	500	10	5
2005.A5.06	500	18	5
2005.A5.07	600	30	5
2005.A5.08	600	40	5
2005.A5.09	1000	40	5



# Funnels

Funnels may be used for separating solids from liquids, liquids from liquids and occasionally, for pouring something into a container. **ASMI** brand Funnels are available in a comprehensive range for a variety of such applications. Sintered Glass Funnels are also available. Separating Funnels come in globe, pear and cylindrical shapes with ground glass stopcocks and interchangeable stoppers. These Funnels are made of specially molded blanks. Stopcock bores, body openings and stems are carefully aligned to facilitate the smooth and even flow of liquid with fast cutoff. The sturdy design of **ASMI** brand Funnels makes them ideal for rack work.



## 2006. A1.01- Funnels, Plain, 60 Angle, Short Stem

- Made 3.3 borosilicate glass
- Designed with a 60° bowl angle to ensure precise fitting of the filter paper
- High thermal shock resistance and chemical resistance
- Generally used for filtering and decanting liquids of varied densities

Product Code	Diameter mm	Quantity Per Case
2006.A1.01	25	10
2006.A1.02	35	10
2006.A1.03	50	10
2006.A1.04	65	10
2006.A1.05	75	10
2006.A1.06	100	10



## 2006. A2.01- Tubes Funnel Test Tubes

- Specially Designed for Soil testing laboratory

Product Code	Capacity ml	Quantity Per Case
2006.A2.01	15	10
2006.A2.02	30	10



## 2006. A3.01- Funnels, Powder

- Ideal for transferring powders
- Designed with a short wide stem to facilitate smooth flow
- Made of chemically resistant 3.3 borosilicate glass

Product Code	Diameter mm	Quantity Per Case
2006.A3.01	125	10
2006.A3.02	150	10
2006.A3.03	200	10
2006.A3.04	250	10



## 2006. A4.01 - Funnels, Powder, Stem, With Cone

- Ideal for transferring powders
- Designed with a short wide stem to facilitate smooth flow
- Made of chemically resistant 3.3 borosilicate glass
- Supplied with ground glass cone for easy fitting on flask
- Joint size 24 / 29 for all capacities

Product Code	Diameter mm	Quantity Per Case
2006.A4.01	125	10
2006.A4.02	150	10
2006.A4.03	200	10
2006.A4.04	250	10



## 2006. A5.01 - Funnels, Separating, Globe Shape, With Stopcock and Interchangeable Stopper

- Made of 3.3 borosilicate glass
- Equipped with a standard ground glass stopcock
- Globe shape, with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Stopper Size	Quantity Per Case
2006.A5.01	125	19 / 26	10
2006.A5.02	250	24 / 29	10
2006.A5.03	500	24 / 29	10
2006.A5.04	1000	29 / 32	2
2006.A5.05	2000	29 / 32	2
2006.A5.06	5000	34 / 35	2



### 2006. A6.01- Funnels, Separating, Pear Shape, With Stopcock and Interchangeable Stopper

- Made of borosilicate glass
- Equipped with a standard ground stopcock
- Pear shape, with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Stopper Size	Quantity Per Case
2006.A6.01	125	19 / 26	10
2006.A6.02	250	24 / 29	10
2006.A6.03	500	24 / 29	10
2006.A6.04	1000	29 / 32	2
2006.A6.05	2000	29 / 32	2
2006.A6.06	5000	34 / 35	2



### 2006. A7.01- Funnels, Separating, Pear Shape, Fitted with Boroflo Stop-cock With PTFE Key and Glass Stopper

- Made of borosilicate glass
- Equipped with a Boroflo stopcock with PTFE key
- Pear shape, with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Quantity Per Case
2006.A7.01	60	20
2006.A7.02	125	20
2006.A7.03	250	10
2006.A7.04	500	10
2006.A7.05	1000	2



### 2006. A8.01- Funnels, Separating, Pear Shape, With PTFE Key Stopcock, Interchangeable Stopper

- Made of borosilicate glass
- Equipped with a PTFE key stopcock
- Pear shape, with a stem
- Generally used in the separation phase

Product Code	Capacity ml	Stopper Size	Quantity Per Case
2006.A8.01	250	24 / 29	10
2006.A8.02	500	24 / 29	10
2006.A8.03	1000	29 / 32	10



### 2006. A9.01- Funnel, Pressure Equilising Cylindrical, With PTFE Stopcock

Product Code	Capacity ml	Socket	Cone	Quantity Per Case
2006.A9.01	50	19 / 26	19 / 26	5
2006.A9.02	100	19 / 26	19 / 26	5
2006.A9.03	250	24 / 29	24 / 29	5
2006.A9.04	500	24 / 29	24 / 29	5





# Gas Generator

Any scientific lab is incomplete without Gas Generator, an instrument that functions a huge number of scientific experiments across institutions and industries. It is a rapid, economical and efficient apparatus to produce controllable amounts of common gases such as hydrogen sulphide, carbon dioxide etc.

**ASMI** Gas Generator ideal choice for high quality and precision, thus making it the right fit for scientific purposes

## 2007. A1.01- Gas Generator, Kipps

- Manufactured from 3.3 Borosilicate glass for corrosion-free performance
- Used to produce common gases
- Simple to operate and quickly charged as well as assembled

Product Code	Capacity ml	Quantity Per Case
2007.A1.01	500	1
2007.A1.02	1000	1

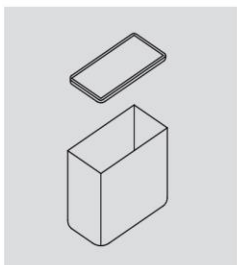


## Jars



The covers of Museum Jar are given a little opening for simple filling of the additive without unsealing the lid. The magnificent protection from chemical attacks and great optical clarity of ASMI brand Jars gives them an unmistakable benefit over others.

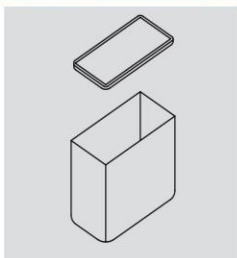
### 2008. A1.01- Jars, Rectangular, Museum, With Cover, 3.3 Borosilicate glass : (As per requirement)



- Made from borosilicate glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground to close tolerances
- Not recommended for use over a direct flame or on a hot plate
- Covers are made from Soda glass
- Products are manufactures as per the specification provided



### 2008. A2.01- S-Line Museum Jar, clear glass : (As per requirement)



- Made from soda lime glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground to close tolerances
- Not recommended for use over a direct flame or on a hot plate
- Products are manufactures as per the specification provided

# Kettles

**ASMI** brand Resin Reaction Kettles are designed & planned for organic reactions involving viscous materials. The wide mouth enables easy access for cleaning the interior. The covers are of heavy construction, while the lower sections are mold-blown to ensure maximum resistance to mechanical breakage. The covers have openings with interchangeable joints to facilitate rapid assembly with Condensers, Stirrers, etc. Flanges of the covers and base are finely ground to ensure a tight seal.

- Designed for viscous reaction materials
- The wide mouth enables easy access for cleaning the interior
- Flanges of the covers and base are finely ground to ensure a tight seal
- Equipped with interchangeable covers with four openings



## 2009. A1.01- Types Manufactured

- Kettles, Resin Reaction
- Bottoms, Only for Kettles
- Covers, Only for Kettles

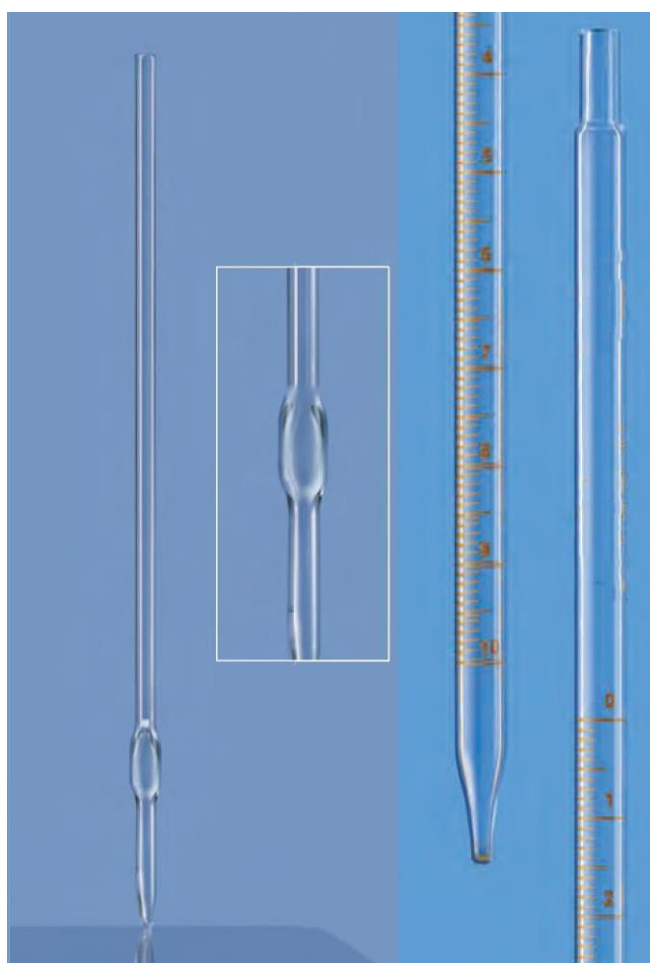
Product Code	Capacity ml	Socket	Cone	Quantity Per Case
2009.A1.01	500	95	178	5
2009.A1.02	1000	108	178	5
2009.A1.03	2000	140	190	5
2009.A1.04	3000	140	343	5

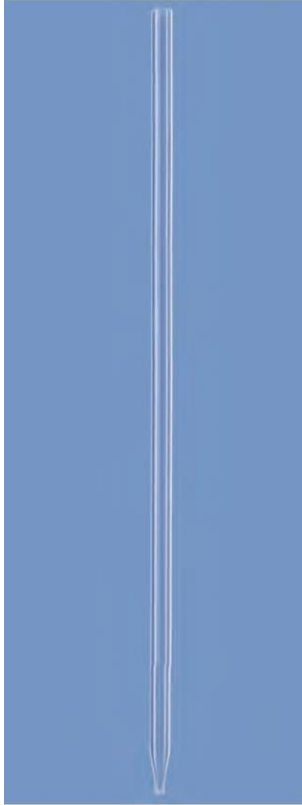




## Pipettes

**ASMI** brand Pipettes are made of specially-selected heavy wall machine-drawn borosilicate accurate bore glass tubing. They have precision formed jets, and bevel ground ends that resist chipping. The graduation marks are made in durable white enamel or amber stain, resistant to normal laboratory reagents and repeated washing. All the Pipettes are individually measured, and then marked. The uniformity of bore ensures accuracy between any two readings. The Pipettes can be autoclaved and, if necessary, can be flamed for sterilization.

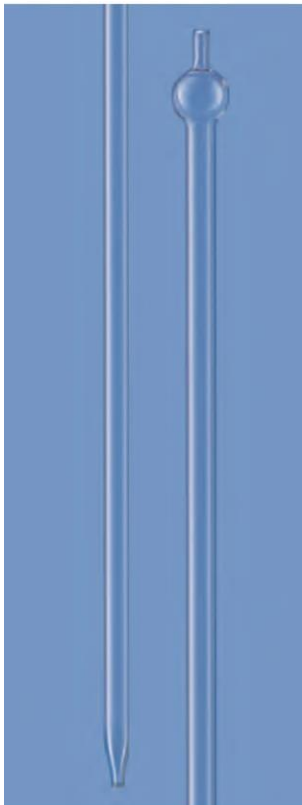




### 2010. A1.01- Pipettes, Artificial Insemination, Cattle, Taper Tip

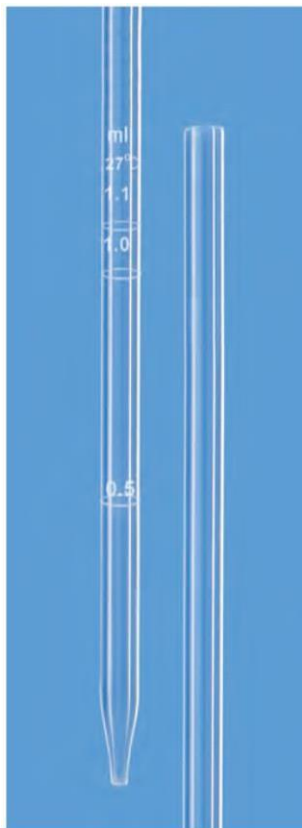
- Sturdy, strong and safe for repeated use
- It can be sterilized and cleaned easily

Product Code	length mm	Quantity Per Case
2010.A1.01	450	10



### 2010. A2.01- Drum Sampling, Pipette

Product Code	length mm	Quantity Per Case
2010.A2.01	1000	10



### 2010. A3.01- Pipettes, Bacteriological, Graduated

- Calibrated at 20 °C
- 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

Product Code	Capacity ml	Tolerance +_ ml	Quantity Per Case
2010.A3.01	1.1	0.025	10
2010.A3.01	2.2	0.04	10



### 2010. A4.01- Pipettes, Gerber, Milk

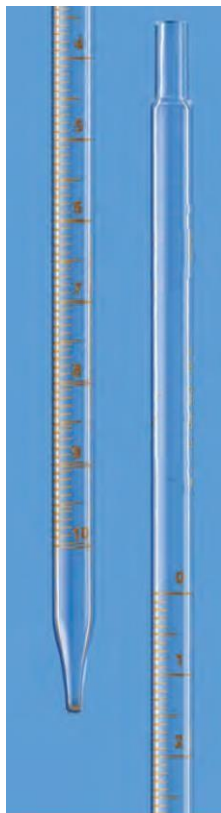
- Used for testing milk by the Gerber method.
- Sturdy, designed to last long
- One-mark transfer Pipettes for measuring 10.75 ml
- Also used in rural Milk Collection Centers

Product Code	Capacity ml	Tolerance +_ ml	Quantity Per Case
2010.A4.01	10.75	0.03	10

## 2010. A5.01- Pipettes, Measuring, Mohr Type (Amber/White Marking) /Pipettes, Transfer, Volumetric

### Pipettes, Measuring, Mohr Type (Amber/White Marking)

- Calibrated at 20 °C
- graduated for delivery from zero mark to the last graduation mark
- Sturdy, designed to last long
- Markings are made in permanent
- Available in Amber as well as White marking



Product Code	Capacity ml	Tolerance +_ ml	Graduation Interval ml	Quantity Per Case
2010.A5.01	0.1	0.006	0.01	5
2010.A5.02	0.2	0.006	0.01	5
2010.A5.03	1	0.007	0.01	5
2010.A5.04	1	0.007	0.1	5
2010.A5.05	2	0.01	0.02	5
2010.A5.06	2	0.01	0.1	5
2010.A5.07	5	0.03	0.05	5
2010.A5.08	5	0.03	0.1	5
2010.A5.09	10	0.05	0.1	5
2010.A5.10	25	0.1	0.2	5

### / Pipettes, Transfer, Volumetric

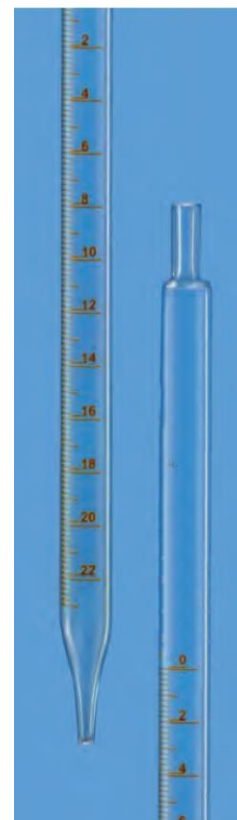
- Calibrated for delivery (TD, Ex)
- Generally used for accurate measurement and decanting of liquid
- Each pipette coded with unique no. supplied with calibration certificate giving exact volume with traceability to national standards



### 2010. A6.01- Pipettes, Serological (Amber/White Marking)

- Calibrated at 20 C
- These Pipettes are graduated to the tip
- Two rings at the top indicate that the Pipette is calibrated to deliver from any graduation line down to tip
- Available in Amber as well as White marking

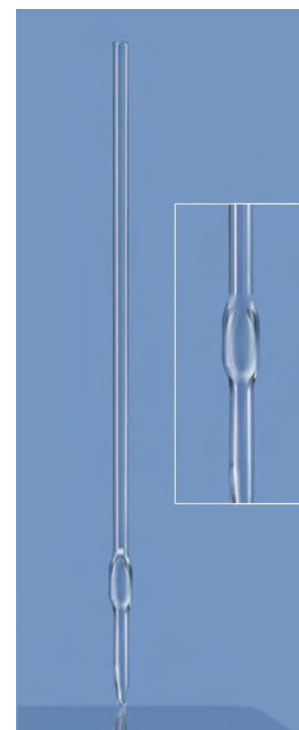
Product Code	Capacity ml	Tolerance +_ ml	Graduation Interval ml	Quantity Per Case
2010.A6.01	0.1	0.006	0.01	5
2010.A6.02	0.2	0.006	0.01	5
2010.A6.03	1	0.007	0.01	5
2010.A6.04	1	0.007	0.1	5
2010.A6.05	2	0.01	0.02	5
2010.A6.06	2	0.01	0.1	5
2010.A6.07	5	0.03	0.05	5
2010.A6.08	5	0.03	0.1	5
2010.A6.09	10	0.05	0.1	5
2010.A6.10	25	0.1	0.2	5



### 2010. A7.01- Pipette, Ostwald – Folin

- These pipettes are generally used for blood serum tests. They are calibrated to deliver by blowing out the last drop.

Product Code	Capacity ml	Quantity Per Case
2010.A3.01	0.5	10
2010.A3.01	1	10





# Weighing Scoops

**ASMI** Weighing Scoops are primarily used when small quantities of powder, liquid or semi-solid material need to be weighed. The powder can be introduced into the receiving vessel through the tubular stem.

## 2011. A1.01- Weighing Scoop

- Weighing Scoops have an open tubular arm.
- Ideal for weighing small quantities of dyes and powders

Product Code	Capacity ml	Quantity Per Case
2011.A1.01	1	10
2011.A1.02	2	10
2011.A1.03	3	10
2011.A1.04	6	10
2011.A1.05	6	10



# Tubes

Based on your needs, we offer an assortment of centrifuge tubes, Folin-Wu Tubes. All are made from uniformly drawn high quality tubing for extended service life and your safety.

## 2012. A1.01- Tubes, Blood Sugar, Folin-Wu

- Made of uniformly drawn high quality tubing for extended service life
- The tube is calibrated at 12.5 ml and 25 ml



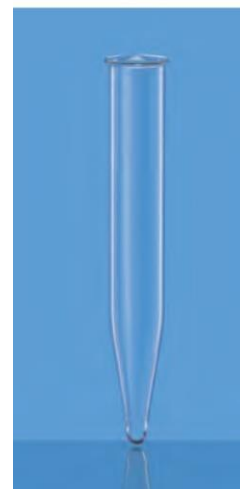
## 2012. A2.01- Tubes, Digestion, Folin – Wu

- Made from uniformly drawn high quality tubing for extended service life
- The tube is calibrated at 35 ml and 50 ml



## 2012. A3.01- Tubes, Centrifuge, Conical Bottom Plain

- Made of uniformly drawn high quality tubing for extended service life
- The higher density fraction collects in the pointed center of the base
- Consequently, even small amounts of solids can be collected and separated
- Capacity 15 ml



### 2012. A4.01- Tubes, Centrifuge, and Conical Bottom Graduated

- Made of uniformly drawn high quality tubing for extended service life
- The higher density fraction collects in the pointed center of the base
- Consequently, even small amounts of solids can be collected and separated
- Graduated for greater precision
- Capacity of 15 & 50 ml are available



### 2012. A5.01-Tubes, Centrifuge, Conical Bottom, Graduated, With Stopper

- Made of uniformly drawn high quality tubing for extended service life
- The higher density fraction collects in the pointed center of the base
- Consequently, even small amounts of solids can be collected and separated
- Graduated tubes for greater precision
- Equipped with a stopper
- Capacity of 15 & 50 ml are available



### 2012. A6.01- Stoppers, Interchangeable Ground Joint, Solid, Penny Head

Product Code	Interchangeable Joint	Quantity Per Case
2011.A6.01	10 / 19	20
2011.A6.02	14 / 23	20
2011.A6.03	19 / 26	20
2011.A6.04	24 / 29	20



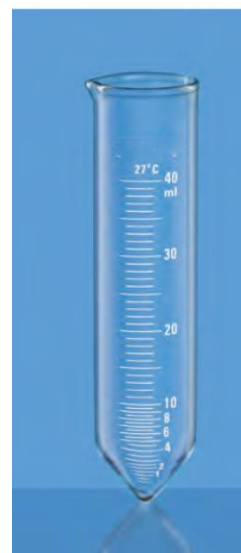
**2012. A7.01- Tubes, Centrifuge, Short Conical Bottom, Pour Out, Heavy Duty, Plain**

- Made of uniformly drawn high quality tubing for extended service life
- The higher density fraction collects in the pointed center of the base
- Consequently, even small amounts of solids can be collected and separated
- Capacity 40 ml



**2012. A8.01- Tubes, Centrifuge, Short Conical Bottom, Pour Out, Heavy Duty, Graduated**

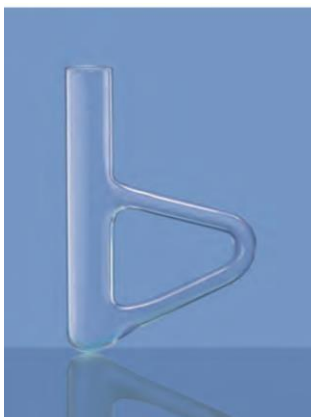
- Made of uniformly drawn high quality tubing for extended service life
- The higher density fraction collects in the pointed center of the base
- Consequently, even small amounts of solids can be collected and separated
- Graduated tubes for greater precision
- Capacity 40 ml



**2012. A9.01- Stoppers, Interchangeable Ground Joint, Solid, Penny Head, Amber**

Product Code	Interchange-able Joint	Quantity Per Case
2011.A9.01	10 / 19	20
2011.A9.02	14 / 23	20
2011.A9.03	19 / 26	20
2011.A9.04	24 / 29	20





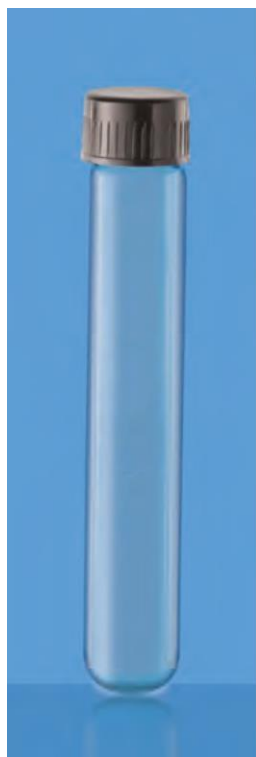
2013. A1.01- **Test Tubes** (as per your requirement)



## Culture Tubes

### 2014. A1.01- **Tubes, Culture, Media, Round Bottom, With Screw Cap and Liner**

- Made of borosilicate glass, designed with a round bottom
- The ideal replacement for media culture bottles
- Designed with special caps to facilitate handling and sealing
- The caps have a PTFE liner



Product Code	Capacity ml	Quantity Per Case
2014.A1.01	5	100
2014.A1.02	10	100
2014.A1.03	30	100
2014.A1.04	50	50
2014.A1.05	60	50
2014.A1.06	100	50

**2014. A2.01- Tubes, Culture, Media, Flat Bottom, With Screw Cap and Liner**

- Made of borosilicate glass, designed with a flat bottom for convenient storage
- The ideal replacement for Bijou, Mc Cartney and universal bottles
- Designed with special caps to facilitate handling and sealing
- The caps have a PTFE liner

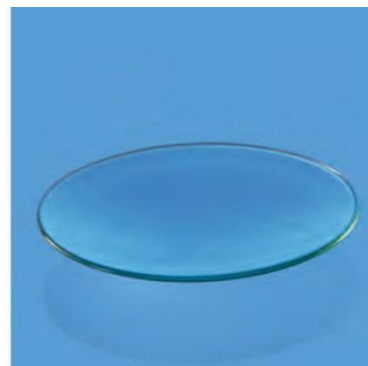
Product Code	Capacity ml	Quantity Per Case
2014.A2.01	5	100
2014.A2.02	10	100
2014.A2.03	30	100
2014.A2.04	50	50



# Watch Glasses

## 2014. A1.01- Watch Glasses

- Made of soda glass
- A special process is used that results in an absolutely flat curved surface
- High clarity, free of bubbles
- All of them are molded to the same radius of curvature for convenient stacking



Product Code	Capacity ml	Quantity Per Case
2014.A1.01	50	50
2014.A1.02	100	50
2014.A1.03	120	50
2014.A1.04	150	20



# Vials & Closures





## 2015. A1.01- 9mm or Universally Compatible

Product Code	Description
2015.A1.01	9mm, 2ml, 12 X 32 Clear Glass Screw Top Vial
2015.A1.02	9mm, 2ml, 12 X 32 Amber Glass Screw Top Vial
2015.A1.03	9mm Blue Screw Cap with PTFE-SILICONE Septa
2015.A1.04	9mm Blue Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A1.05	9mm Blue Screw Cap with Bonded PTFE-SILICONE Septa
2015.A1.06	9mm Blue Screw Cap with Type A Bonded Pre-slit PTFE-SILICONE Septa
2015.A1.07	9mm Blue Screw Cap with Type B Bonded Pre-slit PTFE-SILICONE Septa
2015.A1.08	9mm, 2ml, 12 X 32, Clear Glass Screw Vial & 9mm Blue Screw Cap with PTFE-SILICONE Septa
2015.A1.09	9mm, 2ml, 12 X 32, Clear Glass Screw Vial & 9mm Blue Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A1.10	9mm, 2ml, 12 X 32, Clear Glass Screw Vial & 9mm Blue Screw Cap with Bonded PTFE-SILICONE Septa
2015.A1.11	9mm, 2ml, 12 X 32, Clear Glass Screw Vial & 9mm Blue Screw Cap with Type A Bonded Pre-slit PTFE-SILICONE Septa
2015.A1.12	9mm, 2ml, 12 X 32, Clear Glass Screw Vial & 9mm Blue Screw Cap with Type B Bonded Pre-slit PTFE-SILICONE Septa
2015.A1.13	9mm, 2ml, 12 X 32, Amber Glass Screw Vial & 9mm Blue Screw Cap with PTFE-SILICONE Septa
2015.A1.14	9mm, 2ml, 12 X 32, Amber Glass Screw Vial & 9mm Blue Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A1.15	9mm, 2ml, 12 X 32, Amber Glass Screw Vial & 9mm Blue Screw Cap with Bonded PTFE-SILICONE Septa
2015.A1.16	9mm, 2ml, 12 X 32, Amber Glass Screw Vial & 9mm Blue Screw Cap with Type A Bonded Pre-slit PTFE-SILICONE Septa
2015.A1.17	9mm, 2ml, 12 X 32, Amber Glass Screw Vial & 9mm Blue Screw Cap with Type B Bonded Pre-slit PTFE-SILICONE Septa



2015. A2.01- **8mm or Narrow Neck**

<b>Product Code</b>	<b>Description</b>
2015.A2.01	8mm, 2ml, 12 X 32 Clear Glass Screw Top Vial
2015.A2.02	8mm, 2ml, 12 X 32 Amber Glass Screw Top Vial
2015.A2.03	8mm Black Screw Cap with PTFE-SILICONE Septa
2015.A2.04	8mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A2.05	Combipack 8mm, 2ml, 12 X 32, Clear Glass Screw Vial & 8mm Black Screw Cap with PTFE-SILICONE Septa
2015.A2.06	Combipack 8mm, 2ml, 12 X 32, Clear Glass Screw Vial & 8mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A2.07	Combipack 8mm, 2ml, 12 X 32, Amber Glass Screw Vial & 8mm Blue Screw Cap with PTFE-SILICONE Septa
2015.A2.08	Combipack 8mm, 2ml, 12 X 32, Amber Glass Screw Vial & 8mm Blue Screw Cap with Pre-slit PTFE-SILICONE Septa



2015. A3.01- **10mm or Wide Mouth**

<b>Product Code</b>	<b>Description</b>
2015.A3.01	10mm, 2ml, 12 X 32 Clear Glass Screw Top Vial
2015.A3.02	10mm, 2ml, 12 X 32 Amber Glass Screw Top Vial
2015.A3.03	10mm Black Screw Cap with PTFE-SILICONE Septa
2015.A3.04	10mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A3.05	Combipack 10mm, 2ml, 12 X 32, Clear Glass Screw Vial & 10mm Black Screw Cap with PTFE-SILICONE Septa
2015.A3.06	Combipack 10mm, 2ml, 12 X 32, Clear Glass Screw Vial & 10mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A3.07	Combipack 10mm, 2ml, 12 X 32, Amber Glass Screw Vial & 10mm Blue Screw Cap with PTFE-SILICONE Septa
2015.A3.08	Combipack 10mm, 2ml, 12 X 32, Amber Glass Screw Vial & 10mm Blue Screw Cap with Pre-slit PTFE-SILICONE Septa

2015. A4.01- **11mm Snap Cap Vials**

<b>Product Code</b>	<b>Description</b>
2015.A4.01	11mm, 2ml, 12 X 32mm, Clear Glass Snap Vial
2015.A4.02	11mm, 2ml, 12 X 32mm, Amber Glass Snap Vial
2015.A4.03	11mm Clear Snap Cap with PTFE-SILICONE Septa
2015.A4.04	11mm Clear Snap Cap with Pre-slit PTFE-SILICONE Septa
2015.A4.05	Combipack of 11mm, 2ml, 12 X 32mm, Clear Glass Snap Top Vial & 11mm Clear Snap Cap with PTFE-SILICONE Septa
2015.A4.06	Combipack of 11mm, 2ml, 12 X 32mm, Clear Glass Snap Top Vial & 11mm Clear Snap Cap with Pre-slit PTFE-SILICONE Septa
2015.A4.07	Combipack of 11mm, 2ml, 12 X 32mm, Amber Glass Snap Top Vial & 11mm Clear Snap Cap with PTFE-SILICONE Septa
2015.A4.08	Combipack of 11mm, 2ml, 12 X 32mm, Amber Glass Snap Top Vial & 11mm Clear Snap Cap with Pre-slit PTFE-SILICONE Septa

2015. A5.01- **11mm Crimp Cap Vials**

<b>Product Code</b>	<b>Description</b>
2015.A5.01	11mm, 2ml, 12 X 32mm, Clear Glass Snap Vial
2015.A5.02	11mm, 2ml, 12 X 32mm, Amber Glass Snap Vial
2015.A5.03	11mm Clear Snap Cap with PTFE-SILICONE Septa
2015.A5.04	11mm Clear Snap Cap with Pre-slit PTFE-SILICONE Septa
2015.A5.05	Combipack of 11mm, 2ml, 12 X 32mm, Clear Glass Snap Top Vial & 11mm Clear Snap Cap with PTFE-SILICONE Septa
2015.A5.06	Combipack of 11mm, 2ml, 12 X 32mm, Clear Glass Snap Top Vial & 11mm Clear Snap Cap with Pre-slit PTFE-SILICONE Septa
2015.A5.07	Combipack of 11mm, 2ml, 12 X 32mm, Amber Glass Snap Top Vial & 11mm Clear Snap Cap with PTFE-SILICONE Septa
2015.A5.08	Combipack of 11mm, 2ml, 12 X 32mm, Amber Glass Snap Top Vial & 11mm Clear Snap Cap with Pre-slit PTFE-SILICONE Septa

2015. A6.01- **13mm or Rinse Vials**

<b>Product Code</b>	<b>Description</b>
2015.A6.01	13mm, 4ml, 15 X 45mm, Clear Glass Screw Vial
2015.A6.02	13mm, 4ml, 15 X 45mm, Amber Glass Screw Vial
2015.A6.03	13mm Black Screw Cap with PTFE-SILICONE Septa
2015.A6.04	13mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A6.05	Combipack of 4ml 15 X 45mm Clear Screw Vial & 13mm Black Screw Cap with PTFE-SILICONE Septa
2015.A6.06	Combipack of 4ml 15 X 45mm Clear Screw Vial & 13mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa
2015.A6.07	Combipack of 4ml 15 X 45mm Amber Screw Vial & 13mm Black Screw Cap with PTFE-SILICONE Septa
2015.A6.08	Combipack of 4ml 15 X 45mm Amber Screw Vial & 13mm Black Screw Cap with Pre-slit PTFE-SILICONE Septa

**2015. A7.01- 22mm Headspace GC Vials**

<b>Product Code</b>	<b>Description</b>
2015.A7.01	Combipack of 20ml Clear Glass Flat Bottom Headspace Crimp Vials and 20mm Silver Aluminum Caps with Ultra-Clean, Ultra-Low Bleed PTFE SILICONE Septa
2015.A7.02	Combipack of 20ml Clear Glass Round Bottom Headspace Crimp Vials and 20mm Silver Aluminum Caps with Ultra-Clean, Ultra-Low Bleed PTFE SILICONE Septa
2015.A7.03	Combipack of 20ml Clear Glass Flat Bottom Headspace Crimp Vials and 20mm Silver Magnetic Caps with Ultra-Clean, Ultra-Low Bleed PTFE SILICONE Septa Bleed PTFE-SILICONE Septa
2015.A7.04	Combipack of 20ml Clear Glass Round Bottom Headspace Crimp Vials and 20mm Silver Magnetic Caps with Ultra-Clean, Ultra-Low Bleed PTFE SILICONE Sept

## 2016. A1.01- **Microscopic Slides**



### Plain & Double Frosted

Product Code	Description	Pack Size mm L x B x WT	Quantity per Packet No.	Packets / Case
2016.A1.01	Plain, Ground Edges	76 x 26 x 1.25	50	20
2016.A1.02	Plain, Ground Edges	76 x 26 x 1	50	20
2016.A1.02	Double Frosted, Ground Edges	76 X 26 X 1	50	20

- Made from the finest white glass
- Uniform quality ÿ High- Precision ground edges on all four sides
- Thin, Flat and resistant to corrosion or fogging
- Pre-cleaned and ready to use
- Subjected to strict quality control checks, examined individually and environmentally controlled dry before packaging
- Specially designed for meeting the stringent needs of users
- Free from all visual defects

## 2017. A1.01- **Cover Glass**

- Made from the finest white glass with excellent quality
- Uniform quality
- Available in both square and rectangular shape
- Cover glass is cut, cleaned, sorted and weighed
- Resistance to corrosion and fogging
- Free from ragged edges, oily film and finger prints
- Packed in reclosable plastic boxes for protection during storage
- Pre cleaned and ready to use
- Subjected to strict quality control checks, examined individually and environmentally controlled to dry before packaging

**\* Shapes Available Square, Rectangular & Circular.**



## 2018. A1.01- **VetroClean**

“**Vetroclean** is a Phosphate FREE alkaline detergent made up of high quality anionic & non-ionic surfactants with total solid content between 17% - 20%”.

- This is special cleaner for glass, quartz and sensitive metals.
- Bio-degradable.
- pH 6-8, for 2% – 5% solution.
- Foam Tendency – Non foaming at 2%-5% concentrations.
- Best suited for Manual Cleaning, Soak & CIP, and Machine Washers.
- No residue after proper cleaning.
- Non-hazardous.
- Free from scents/toxic ingredients.

\*Capacity 500, 1000 & 2500ml

## 2019. A1.01- **Premium Pipettes Tips**

**ASMI** always focuses on developing specialty products which would significantly benefit the scientific community.

**ASMI** now introduces premium quality Pipette Tips manufactured with supreme precision







# Associated Scientific Manufacturing Industries

**Address:** 100 Old, Jessore Road, Ganganagar, Kanthal, P.O  
Ganganagar, Kolkata - 700132

**Phone:** +91 86177 50629

**Website:** [www.asmilab.com](http://www.asmilab.com)

**Email:** [info@asmilab.co.in](mailto:info@asmilab.co.in)

