

# **PRICE LIST**

## *Laboratory Glassware*

Effective From  
April 2022  
(Superceding Earlier Price List)

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# Registration Certificate

This is to certify that the  
Management Systems of

Asqi (India) Industries

have been assessed by  
International Certifications Ltd  
and found to comply with the requirements of

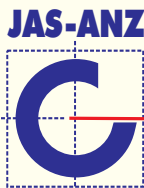
## ISO 9001:2000

*DBGand*

Managing Director

12935.03

Certificate Number



Accreditation by the Joint Accreditation System of Australia and New Zealand, Acc No. S1400594 NA.  
The scope of registration is defined on the Registration Schedule that accompanies this certificate.

*From the desk of Director.....*



Dear Customer,  
Warm Greetings for the new financial year!!!

It is a pleasure to present you ASGI's latest price list, for our laboratory glassware made from 3.3 Borosilicate glass, as per IS / ISO / DIN / ASTM standards.

With our wide range of glassware, we support scientists across a full spectrum of markets, including Academic, Government, Pharmaceuticals, Biotech, Contract Research, Food & Petrochemical segments.

As a tradition to enhance the user experience in laboratories, significant investments have been made in automation of our calibration laboratory, plant & machinery. We have also implemented advanced services by which we are getting closer to our customers. Thus, helping us in developing products suitable to your specific area of application & work.

In this endeavor, we look forward for your support and encouragement to become an integral part of your research and success. For any comments or feedback on how we could serve you better, please feel free to contact us.

Best regards,

Abhishek Agarwal.

**ASGI**<sup>®</sup>

## Calibration Process



**At ASGI**, for Volumetric Flask & Measuring Cylinder, we perform calibrations with Fully Automatic Computerized & Laser Controlled System. This machine helps to get high degree of accuracies, making sure that every single piece is within the Class-A tolerance limits. No skilled / trained calibrator is involved in any of the stage of the calibration process.

This state of the art German calibration machine uses computerized sensors to fill the glasswares with distilled water for a specified volume. A high end optical laser beam is used to determine the exact lowest point of the meniscus and using a fine diamond tool to put a calibration mark, at that moment only. Thus, removing any possibility of human error.

**ASGI** Volumetric calibration results are guaranteed for precision as per ISO / DIN / ASTM Standards. Thus, re-defining our name as ***“Accurate” Scientific Glasswares Industries.***

## Calibration Process



The computerized system automatically senses the flow and dispenses very accurate volume of de-ionized water into the glassware. While doing so Wet surface area & water temperature is taken into account.



High-end optical laser beam determines the lowest point of the water meniscus and a calibration mark (permanent scratch) is made with a fine diamond tool. This gives accuracies that can never be achieved by human eyes repeatedly.



*all glassware are manufactured  
from 3.3 low expansion  
borosilicate glass*

*production  
facility*





*pipette tip making machine*



*glass tube cutting machine*

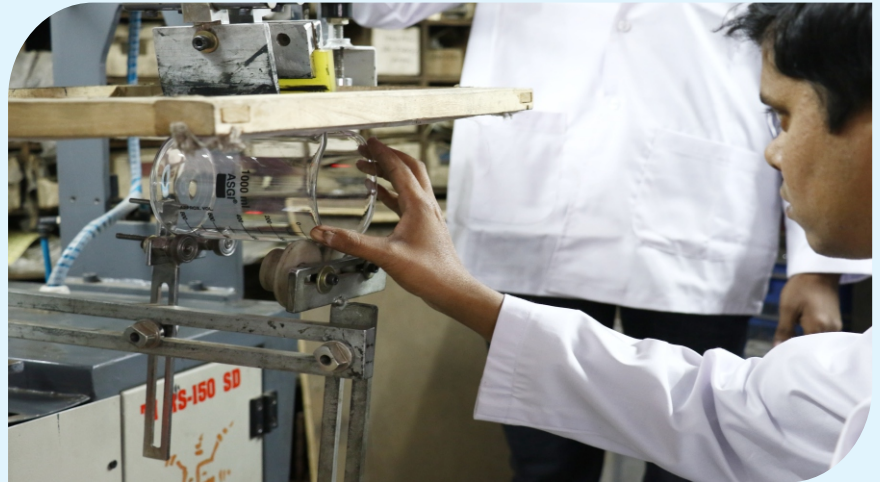


*grinding & polishing of joints*



*all glassware are screen printed to ensure sharp and clear print*

**screen  
printing  
facility**



*packing & inspection*



## Technical Information

ASGI Glassware are made of Low Expansion Borosilicate Glass to facilitate the capability of withstanding thermal shock and repeated heating and cooling without damage to the glass. This glass is resistant to the widest range of chemical substances.

Our glassware are suitable for usage in school laboratories to industrial laboratories to handle all sorts of thermal, chemical & mechanical resistance.

ASGI glass is a low alkali borosilicate Type 3.3 glass. Its typical chemical composition is given below

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

## Thermal Properties

ASGI Glass has a low coefficient of thermal expansion. The glass can withstand higher temperature gradients and also sudden temperature changes. All ASGI Glassware are annealed in an automatic temperature controlled latest technology electric Lehr furnace to ensure minimal residue stress in the glassware.

The typical thermal properties of ASGI Glassware are mentioned below:

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

## Chemical Data

ASGI Glassware are highly resistant to a wide range of chemical substances, acid solutions, organic substances. The glass can withstand long exposure to hot chemicals. At higher temperatures and high concentrated forms of acids like hydrofluoric, phosphoric and alkaline solutions may leave an impact of the attack on glass surface.



## Chemical Resistance of Glass

We hereby confirm that all our ASGI Glassware are manufactured / fabricated using low expansion 3.3 borosilicate glass Type-I complying to USP / ISO specifications. This glass is resistant to attacks from acids, salt solutions and organic solvents.

Chemical Durability of our glass:-

Tests	International Specifications	Results
Water at 98 °C	ISO 719	HGB 1
Water at 121 °C	ISO 720	HGA 1
Acids Resistance	ISO 1776	1
Alkali Resistance	ISO 695	A2
Powder Glass Test	ASTM E-438	Type 1, Class A

## Hydrolytic Resistance

For many applications, it is important that laboratory glassware has excellent hydrolytic resistance, eg. During steam sterilization procedures, where repeated exposure to water vapor at high temperature can leach out alkali ( Na+ ) ions. ASGI Glassware has relatively low alkali metal oxide content and consequently a high resistance to attack from water.

Thus, our Borosilicate Glass corresponds to Type 1, according to ISO 719 (98°C) and ISO 720 (121°C).

## Acid Resistance

Glasses with high percentage weight of silica (SiO<sub>2</sub>) are less likely to be attacked by acids. Our Borosilicate Glass is over 80% silica and therefore remarkably resistant to acids (with exception of hot concentrated phosphoric acids and hydrofluoric acid ).

Thus, our Borosilicate Glass corresponds to Type 1, according to ISO 1776.

## Alkali Resistance

Alkaline Solutions attack all glasses and our borosilicate glass is classified as Moderately Resistant. Thus, our Borosilicate Glass corresponds to Class 2, according to ISO 695.

## Powder Glass Test Type-1

Due to its good hydrolytic, our Borosilicate meets the requirements of IS, ISO and ASTM, corresponding to Type I. It can therefore be used in an almost unrestricted way in pharmaceutical applications and in contact with foodstuffs.

## Safety of glassware

ASGI Glassware are mechanically designed in such a way that it lasts longer, provided due care is taken while handling the glassware.

We advise user to take the following precautions while using ASGI Glassware:

- While heating glassware if the liquid dries up then the glassware may crack. Do ensure to reduce the heat or add the liquid immediately.
- Sudden change of temperature must be avoided, like removing the glass from a heat source and placing it on a cold surface.
- Hot vessels must be cooled slowly for long life and to prevent it from cracking.
- All lab glassware will withstand to thermal shock of 120°C.
- Glassware should be heated uniformly by using a metal gauze, air/water bath.
- The heat should be applied to the liquid level of the glassware. Heating on the empty glass surface will result in fracture/breakage of glassware.

## Personal Safety

- Usage of tongs/asbestos gloves is recommended while removing the glassware from heat source, or else it might result in severe burns.
- Eye goggles, aprons, protective gloves & safety shoes must be used while handling acids.
- Avoid using pipette with your mouth; a slight miscalculation can result in sipping the acids into the mouth.
- Do not handle a electrically operated heat source with damp/wet hands.
- While clamping the glassware, do not apply over pressure to tighten, it might end up in breaking of glass.

## Autoclaving of Glassware

- Autoclave temperature must be maximum 121°C for calibrated glassware. Higher temperature autoclave can be used for non calibrated glassware.
- All caps/stoppers must be either loosen or removed while autoclave to avoid the glassware from shattering.
- Do not put hot glassware (after autoclaving) on a cold surface.
- Never autoclave items containing corrosive, solvents or volatile or radioactive materials.

# ASGI®

## Ecologically Responsible



30% of the total electricity consumed by ASGI is generated from solar power.

98800 gallons of rain water was harvested and used in washing purpose by ASGI in 2018.



ASGI supports a school for under privilege children by name of Gyan Uday in Agra.

# Index

## A

### Adapters

Reduction, Expansion.....	1
Multiple.....	2
Receiver.....	4, 5, 6
Arsenic Apparatus.....	78
Assemblies Quickfit type.....	64-82
Automatic Tilt Measure.....	52
Alcohol Distillation Ass.....	79

## B

Beakers.....	9
Burettes.....	15-18
Bulb Pipettes.....	49
Blood Sugar Tube.....	61

### Bottles

Reagent N.M., W.M.....	10
Dropping.....	13
Relative Density.....	11
Weighing/LOD.....	12
Gas washing.....	14
B.O.D.....	9

## C

Centrifuge Tube.....	60
Culture Tube Screw cap.....	59
Chromatography Column.....	23,24
Conical Flask.....	35-37,44
Chromatography App.....	75
Chromatography Sprayer.....	25
Cylinder Measuring.....	25-27
Crucibles Sintered.....	53

### Condensers

Air.....	19,20
Allihn.....	21
Leibig.....	19,20
Coil.....	22
Double Surface.....	21

## D

Distillation Assemblies.....	65-82
Dean & Stark App.....	77
Drying Tube.....	8
Dropping Bottles.....	13
Dishes Culture Petri.....	52
Dessicator.....	84
Distillation assembly for alcohol.....	79

## E

Extraction App. Soxhlet.....	62,63
Erlenmeyer Flask.....	37
Expansion Adapter.....	1
Extraction Flask.....	63

## F

### Flask

Boiling I/C Joint, Plain.....	29,30,38
Conical I/C joint.....	35,36
Conical Screw cap.....	36
Conical Graduated, Plain.....	37
Round Bottom.....	29,30,38
Flat Bottom.....	38,39
Kjeldhal.....	33,34
Iodine.....	34
Volumetric.....	39-42
Two Neck I/C joint.....	30
Three Neck I/C joint.....	31,32
Four Neck.....	31
Le-chatelier.....	44
Filter Heavy Bolt.....	34
Oxygen Combustion flask.....	34

### Funnel

#### Separating

Pear shape.....	46
Plain 60' Angle.....	45
Powder.....	45
Filter App, Buchner.....	54

## G

Gas Washing Bottle.....	14
Gooch Crucible.....	53
Graduated Test tube.....	58,59
Ground Glass Joint.....	48
Graduated Centrifuge Tube.....	60

## H

Hopkin Condenser.....	19
Heavy Bolt neck Flask.....	34

## I

Iodine Flask.....	37
Impinger.....	55

## J

Jars.....	56
Joints Conical.....	48

## K

Kjeldhal Distillation App.....	67
Kjeldhal Flask.....	33,34
Kohlrausch Flask(mud).....	43
Kipps App.....	84

## L

Leibig Condenser.....	19,20
Lands Bergers App.....	79

## M

Measuring Cylinder.....	25-27
Measuring Pipettes.....	50,51
Measuring Flask.....	39-42
Melting point tube.....	51
Millipore Type App.....	54

## N

Nessler Cylinder.....	28
-----------------------	----

## O

One Mark Pipettes.....	49
Orsat Apparatus.....	81
Oxygen combustion flask.....	34

## P

### Pipettes

Volumetric.....	49
Graduated.....	50,51
PTFE key burettes.....	15
Pyknometers.....	12
Petri Dishes.....	52

## Q

Quickfit Assem.....	64-82
---------------------	-------

## R

Reagent Bottle.....	10
Reduction Adapters.....	1
Rubber Bulb.....	18,25
Rubber Tube.....	83

## S

Separating Funnel.....	46,47
Sintered Crucible.....	53
Sintered Funnel.....	53
Specific Gravity Bottle.....	11
Standard Joints.....	48
Stopcocks.....	56
Stopper Hexagonal.....	56
Stoppered test tubes.....	58,59
Stirrer.....	55
Sprayer.....	25
Specimen Jars.....	56
Soxhlet Apparatus.....	62,63
Scoops Weighing.....	12
Sulphur Dioxide App.....	78

## T

Test Tubes.....	57-59
Three neck flask.....	31,32
Two neck flask.....	30
Tilt Measure.....	52
Thiels Melting Point Tube.....	61

## V

Volumetric Flask.....	39-42
Volumetric Pipettes.....	49
Vacuum Dist.Assemb.....	75

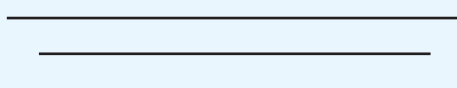
## W

Wash Bottles.....	13
Weighing Bottles.....	12
Water Distillation App.....	83
Weighing Scoop.....	12

## U

### USP Glassware

Volumetric Flask.....	40
Volumetric Pipette.....	49
Measuring Cylinder.....	26



## A-1, Reduction Adapters, ASGI®

- An small interchangeable joint at the top and a larger interchangeable joint at the base.
- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Socket	Cone	Qty. Per Case	Price/Pc.
0001	10/19	14/23	4	165.00
0002	14/23	19/26	4	180.00
0003	14/23	24/29	4	190.00
0004	14/23	29/32	4	200.00
0005	19/26	24/29	4	200.00
0006	19/26	29/32	4	220.00
0007	19/26	34/35	4	265.00
0008	19/26	45/40	4	320.00
0009	19/26	50/42	4	420.00
0010	24/29	29/32	4	290.00
0011	24/29	34/35	4	300.00
0012	24/29	40/38	4	350.00
0013	24/29	45/40	4	365.00
0014	24/29	50/42	4	390.00
0015	29/32	34/35	4	400.00
0016	29/32	45/40	4	425.00
0017	29/32	50/42	4	440.00
0018	34/35	45/40	4	450.00
0019	34/35	50/42	4	470.00
0020	45/40	50/42	4	550.00



## A-2, Expansion Adapters, ASGI®

- A larger interchangeable joint at the top and a smaller inner interchangeable joint at the base.
- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Socket	Cone	Qty. Per Case	Price/Pc.
0021	14/23	10/13	4	165.00
0022	19/26	14/23	4	180.00
0023	24/29	19/26	4	200.00
0024	24/29	14/23	4	190.00
0025	29/32	24/29	4	290.00
0026	29/32	19/26	4	220.00
0027	29/32	14/23	4	200.00
0028	34/35	29/32	4	400.00
0029	34/35	24/29	4	300.00
0030	34/35	19/26	4	265.00
0031	34/35	14/23	4	255.00
0032	40/38	24/29	4	350.00
0033	45/40	29/35	4	425.00
0034	45/40	34/35	4	450.00
0035	45/40	24/29	4	365.00
0036	50/42	45/40	4	550.00
0037	50/42	34/35	4	470.00





### A-3, Multiple Adapters, two necks parallel, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed to easily fit with other glass apparatus.
- Made of 3.3 Borosilicate Glass.

Cat No.	Socket	Cone	Qty. Per Case	Price/Pc.
0040	19/26	19/26	3	350.00
0041	19/26	24/29	3	400.00
0043	24/29	24/29	3	500.00



### A-8, Cone Adapters, Straight connection plain, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed for easily release of fumes or air from the apparatus.
- Made of 3.3 Borosilicate Glass.

Cat No.	Cone	Qty. Per Case	Price/Pc.
0065	14/23	4	155.00
0066	19/26	4	160.00
0067	24/29	4	170.00
0068	29/32	4	180.00
0069	34/35	4	215.00



### A-9, Cone Adapters, Straight Connection With Rotaflo Teflon Stopcock, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed with screw thread stopcock with PTFE Key for controlled release of fumes/air from the apparatus.

Cat No.	Cone	Qty. Per Case	Price/Pc.
0070	14/23	4	350.00
0071	19/26	4	350.00
0072	24/29	4	360.00
0073	29/32	4	380.00
0074	34/35	4	400.00



## Z-56, Cone Adapter, straight connection with PTFE stopcock, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed With PTFE Stopcock for controlled release of fumes/air from the apparatus.

Cat No.	Cone	Qty. Per Case	Price/Pc.
2150	14/23	4	600.00
2151	19/26	4	610.00
2152	24/29	4	615.00
2152A	29/32	4	645.00



## A-10, Cone Adapters, Right Angle Connection Plain, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed for easy release of fumes/air from the apparatus.
- Outlet is at right angle for easy hose pipe fitting.

Cat No.	Cone	Qty. Per Case	Price/Pc.
0076	14/23	6	160.00
0077	19/26	6	165.00
0078	24/29	6	175.00
0079	29/32	6	185.00
0080	34/35	6	220.00



## A-11, Cone Adapters, Right angle connection with Rotaflow Teflon key stopcock , ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed With Screw Thread PTFE Stopcock for controlled release of fumes/air from the apparatus.
- Outlet is at right angle for easy hose pipe fitting.

Cat No.	Cone	Qty. Per Case	Price/Pc.
0081	14/23	4	350.00
0082	19/26	4	350.00
0083	24/29	4	360.00
0084	29/32	4	380.00
0085	34/35	4	400.00





### Z-57, Cone Adapter, right angle connection, with PTFE stopcock, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed With PTFE Key stopcock for controlled release of fumes/air from the apparatus.
- Outlet is at right angle for easy hose pipe fitting.

Cat No.	Cone	Qty. Per Case	Price/Pc.
2153	19/26	4	600.00
2154	24/29	4	610.00
2155	29/32	4	620.00
2156	34/35	4	650.00



### A-13, Receiver Adapters, Plain bend Short, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.
- Facilitates collection of condensed output into a vessel.
- Bend type design with short stem.

Cat No.	Socket	Qty. Per Case	Price/Pc.
0092	14/23	6	170.00
0093	19/26	6	200.00
0094	24/29	6	220.00
0095	29/32	6	270.00



### A-14, Receiver Adapters, Plain bend Long, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.
- Facilitates collection of condensed output into a vessel.
- Bend type design with long stem.

Cat No.	Socket	Qty. Per Case	Price/Pc.
0098	14/23	6	170.00
0099	19/26	6	200.00
0100	24/29	6	220.00
0101	29/32	6	270.00

## A-15, Receiver Adapters, Straight Delivery, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.
- Facilitates collection of condensed output into a vessel.
- Straight delivery design with medium length stem

Cat No.	Socket	Qty. Per Case	Price/Pc.
0103	14/23	6	170.00
0104	19/26	6	200.00
0105	24/29	6	220.00
0106	29/32	6	270.00



## A-16, Receiver Adapters, plain bend socket to cone, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed to connect two glassware together.
- Leak proof design presents loss of energy/chemicals during the usage.

Cat No.	Socket	Cone	Qty. Per Case	Price/Pc.
0110	14/23	14/23	3	250.00
0111	19/26	19/26	3	260.00
0112	19/26	24/29	3	270.00
0113	24/29	24/29	3	320.00
0114	29/32	29/32	3	400.00



## A-17, Receiver Adapters, Bend With Vent, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed to connect two glassware together.
- Designed with a vent to facilitate release of fumes/air during usage.

Cat No.	Socket	Cone	Qty. Per Case	Price/Pc.
0117	14/23	14/23	3	250.00
0118	19/26	19/26	3	275.00
0119	19/26	24/29	3	315.00
0120	24/29	24/29	3	330.00
0121	29/32	29/32	3	420.00





### A-18, Receiver Adapters, Bend With Vacuum connection, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed to connect two glassware together attached with a vacuum connection.

Cat No.	Socket	Cone	Qty. Per Case	Price/Pc.
0123	14/23	14/23	3	270.00
0124	14/23	19/26	3	300.00
0125	19/26	19/26	3	330.00
0126	19/26	24/29	3	350.00
0127	24/29	24/29	3	390.00
0128	29/32	29/32	3	650.00



### A-26, Recovery Bend, Sloping, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.
- Generally used to connect a flask & a condenser together.

Cat No.	Cone	Cone	Qty. Per Case	Price/Pc.
0148	14/23	14/23	3	210.00
0149	19/26	19/26	3	240.00
0150	24/29	14/23	3	250.00
0151	24/29	19/26	3	260.00
0152	24/29	24/29	3	265.00
0153	29/32	19/26	3	320.00
0154	29/32	29/32	3	400.00
0155	34/35	19/26	3	410.00
0156	34/35	24/29	3	440.00
0157	34/35	34/32	3	500.00



### A-27, Recovery Bend, Vertical, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.

Cat No.	Cone	Cond. Cone	Qty. Per Case	Price/Pc.
0158	14/23	14/23	3	300.00
0159	19/26	19/26	3	340.00
0160	24/29	19/26	3	370.00
0161	24/29	24/29	3	410.00

## A-28, Plain Stilheads, Sloping, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.

Cat No.	Flask Cone	Cond Cone	Socket	Qty. Per Case	Price/Pc.
0164	14/23	14/23	14/23	3	325.00
0165	19/26	19/26	14/23	3	330.00
0166	19/26	19/26	19/26	3	350.00
0167	24/29	19/26	14/23	3	400.00
0168	24/29	24/29	14/23	3	450.00
0169	24/29	24/29	19/26	3	470.00
0170	29/32	19/26	14/23	3	500.00
0171	29/32	29/32	14/23	3	520.00
0172	34/35	29/32	14/23	3	550.00
0173	34/35	19/23	14/23	3	570.00
0174	34/35	24/29	14/23	3	590.00
0175	34/35	34/35	14/23	3	620.00



## A-31, Splash Head, Adapters, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.

Cat No.	Cone	Cone	Qty. Per Case	Price/Pc.
0184	19/26	19/26	2	450.00
0185	24/29	19/26	2	475.00
0186	24/29	24/29	2	510.00
0187	29/32	19/26	2	550.00
0188	29/32	29/32	2	580.00



## A-32, Splash Head, Vertical, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.

Cat No.	Cone	Cone	Qty. Per Case	Price/Pc.
0192	19/26	19/26	2	500.00
0193	24/29	19/26	2	520.00
0194	24/29	24/29	2	540.00
0195	34/35	24/29	2	610.00

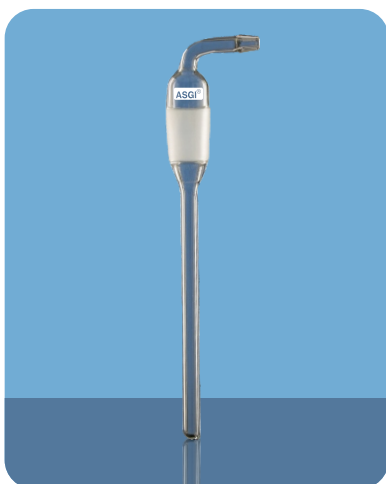




### A-37, Thermometers Pocket, closed end, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Suitable to hold a thermometer for easy analysis of the temperature.

Cat No.	Cone	Stem. Length	Qty. Per Case	Price/Pc.
0210	14/23	40	10	145.00
0211	19/26	50	10	150.00
0212	24/29	60	10	165.00
0213	14/23	100	10	165.00
0214	19/26	100	10	170.00
0215	24/29	100	10	180.00
0216	14/23	150	10	180.00
0217	19/26	150	10	190.00
0218	24/29	150	10	200.00
0218 A	14/23	200	10	190.00
0218 B	19/26	200	10	200.00
0218 C	24/29	200	10	210.00



### A-40, Air/steam Inlet Tubes, Bent, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed to induce air/steam in the vessel.
- Bend type for easy attachment to the hose pipe.

Cat No.	Cone	Stem. Length	Qty. Per Case	Price/Pc.
0226	14/23	150	6	200.00
0227	19/26	150	6	215.00
0228	24/29	150	6	230.00



### A-41, Drying Tube, Angled, ASGI®

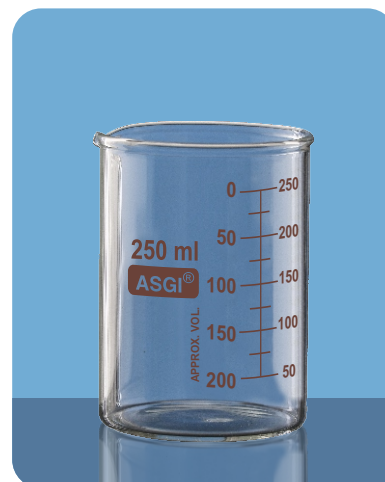
- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.

Cat No.	Cone	Qty. Per Case	Price/Pc.
0230	14/23	3	200.00
0231	19/26	3	220.00
0232	24/29	3	260.00
0233	29/32	3	280.00

## B-1, Beakers, Griffin Low Form with spout, Graduated, ASGI®

- Complies with IS 2619/ EN ISO 3819 & DIN 12331
- Easy to read scale with dual graduation.
- Made of 3.3 Borosilicate Glass with high resistance to chemical attack.
- Uniform wall thickness.

Cat No.	Cap. ml.	Dimensions	Qty. Per Case	Price/Pc.
0239	5	22 x 20	10	50.00
0240	10	26 x 35	10	55.00
0241	25	34 x 50	10	60.00
0242	50	42 x 60	10	65.00
0243	100	50 x 70	10	70.00
0244	150	60 x 80	6	75.00
0245	250	70 x 95	7	80.00
0247	500	83 x 115	5	125.00
0248	1000	105 x 145	3	255.00
0248A	2000	130 x 185	2	510.00
0248B	3000	150 x 210	1	1200.00
0248C	5000	170 x 270	1	1800.00



Beaker & Bottles

## Z-33, Bottles B.O.D. with interchangeable stopper, ASGI®

- Complies with IS 9213
- Used for determination of B.O.D. in industrial effluents, waste & water.
- Individual number printed on each bottle.

Cat No.	Cap. ml.	Size Approx	Qty. Per Case	Price/Pc.
2079	125	55x120 mm	2	400.00
2080	300	70x143 mm	2	460.00

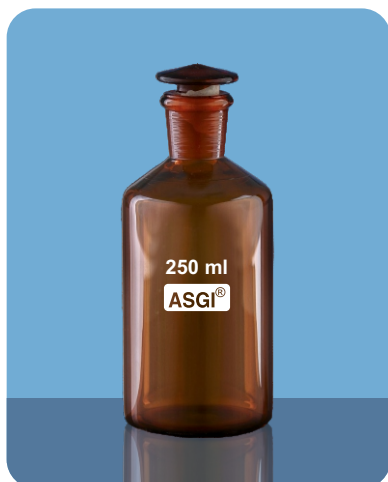


## B-3, Reagent Bottles, Narrow Mouth with I/C Stopper, ASGI®

- Complies with IS 1388 (Part II), EN ISO 4796-2.
- Printed in amber stain with dual graduation.
- Made of 3.3 Borosilicate Glass with high resistance to chemical attack.

Cat No.	Cap. ml.	Stopper Size	Qty. Per Case	Price/Pc.
0249	30	14/23	2	205.00
0250	60	14/23	2	215.00
0251	125	19/26	2	250.00
0252	250	19/26	2	305.00
0253	500	24/29	2	350.00
0254	1000	29/32	1	540.00
0254 A	2000	34/35	1	950.00





### Z-9, Amber Reagent bottle N.M. with I/C Stopper, ASGI®

- Complies with IS 1388 (Part II), EN ISO 4796-2.
- Printed in white durable color with dual graduation.
- Ideal for light sensitive media & for a long term storage of media.

Cat No.	Cap. ml.	Stopper Size	Qty. Per Case	Price/Pc.
1900	30	14/23	2	430.00
1901	60	14/23	2	450.00
1902	125	19/26	2	470.00
1903	250	19/26	2	590.00
1904	500	24/29	2	720.00
1905	1000	29/32	1	1190.00
1906	2000	34/35	1	2005.00



### B-4, Mobile Phase Bottle, ASGI®

- Complies with IS 1388 (Part II), EN ISO 4796-1.
- Designed with plastic pouring ring for drip free operation.
- All Bottles have a uniform GL-45 thread.

Cat No.	Cap. ml.	Cap Size	Qty. Per Case	Price/Pc.
0255	100	GL 45	2	310.00
0256	250	GL 45	2	325.00
0257	500	GL 45	2	360.00
0258	1000	GL 45	2	590.00
0258A	2000	GL 45	1	1000.00
0258 B	3000	GL 45	1	4600.00
0258 C	5000	GL 45	1	5500.00



### B-3, Amber Mobile Phase Bottle, ASGI®

- Complies with IS 1388 (Part II), EN ISO 4796-1.
- Designed with plastic pouring ring for drip free operation.
- All Bottles have a uniform GL-45 thread.

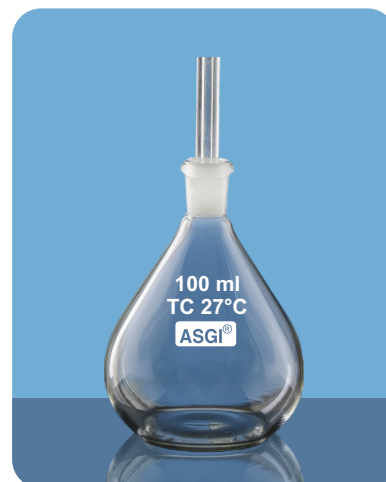
Cat No.	Cap. ml.	Cap Size	Qty. Per Case	Price/Pc.
0259	100	GL 45	2	485.00
0260	250	GL 45	2	515.00
0261	500	GL 45	2	600.00
0262	1000	GL 45	2	800.00
0263	2000	GL 45	1	1475.00
0264	3000	GL 45	1	8230.00
0265	5000	GL 45	1	8495.00



## B-9, Specific Gravity Bottles with capillary Bore I/C Stopper, ASGI®

- Complies with IS 5717 & ISO 3507.
- Fitted with a capillary bore glass stopper.

Cat No.	Cap. ml.	Joint Size	Qty. Per Case	Price/Pc.
0284	5	10/19	2	170.00
0285	10	10/19	2	175.00
0286	25	10/19	2	185.00
0287	50	10/19	2	215.00
0288	100	10/19	2	305.00



Bottles

## B-10, Specific Gravity Bottle with Capillary Bore Teflon Stopper Class "A", with works certificate, ASGI®

- Complies with IS 5717 & ISO 3507.
- Fitted with a capillary bore Teflon stopper.

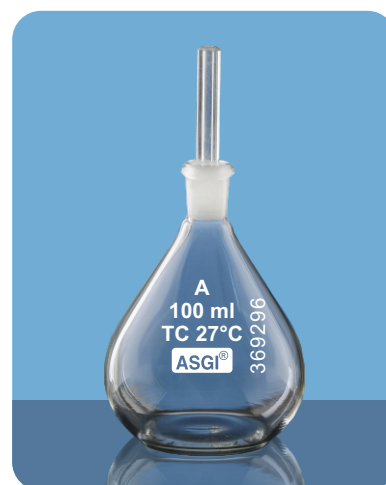
Cat No.	Cap. ml.	Joint Size	Qty. Per Case	Price/Pc.
0289	5	10/19	2	750.00
0290	10	10/19	2	800.00
0291	25	10/19	2	900.00
0292	50	10/19	2	950.00
0293	100	10/19	2	1150.00



## B-11, Specific Gravity Bottle with Capillary Bore I/C Stopper Class "A", with works certificate, ASGI®

- Complies with IS 5717 & ISO 3507.
- Fitted with a capillary bore Glass stopper.

Cat No.	Cap. ml.	Joint Size	Qty. Per Case	Price/Pc.
0294-A	5	10/19	2	750.00
0294	10	10/19	2	770.00
0295	25	10/19	2	840.00
0296	50	10/19	2	875.00
0297	100	10/19	2	980.00





### B-16, Weighing Bottle I/C Stopper, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Complies to IS 1574.

Cat No.	Cap. ml.	Dia x Ht. mm.	Qty. Per Case	Price/Pc.
0306	5	20x40	10	195.00
0307	15	25x50	10	300.00
0308	25	30x60	10	250.00
0309	25	40x40	10	400.00
0310	60	40x80	10	425.00
0311	10	40x20	10	285.00
0312	25	50x30	10	500.00
0314	40	50x40	10	540.00
0315	40	60x30	10	700.00
0317	80	70x30	10	950.00



### B-17, Weighing Scoops / Boats, ASGI®

- Ideal for weighing small quantities of dyes and powders.
- The Powder can be introduced into the receiving vessel through the tubular stem.

Cat No.	Cap. ml.	Qty. Per Case	Price/Pc.
0468	1	50	140.00
0469	2	50	140.00
0470	3	50	140.00
0471	6	50	155.00
0472	10	50	180.00



### B-21, Pycnometers, ASGI®

- Used for measuring density.

Cat No.	Cap. ml.	Qty. Per Case	Price/Pc.
0330	5	10	200.00
0331	10	10	210.00
0332	20	10	220.00
0333	25	10	230.00
0334	50	10	250.00

## B-24, Dropping Bottles with Pipette stopper, ASGI®

- Made of 3.3 Borosilicate Glass.
- Fitted with l/c ground joint pipette with rubber teat.

Cat No.	Cap. ml.	Joints	Qty. Per Case	Price/Pc.
0338	30	14/15	2	240.00
0339	60	14/15	2	245.00
0340	125	19/26	2	285.00
0340-A	250	19/26	2	425.00



## B-26, Wash Bottles complete, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.

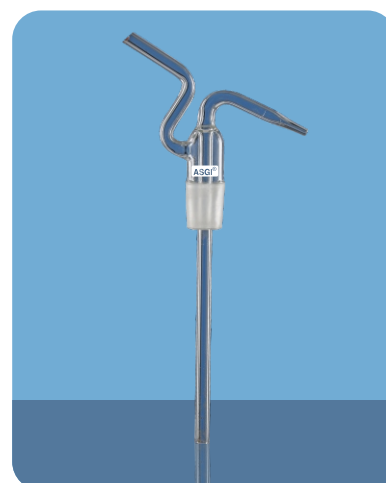
Cat No.	Cap. ml.	Joints	Qty. Per Case	Price/Pc.
0344	250	24/29	1	600.00
0345	500	24/29	1	750.00
0346	1000	24/29	1	950.00
0347	1000	29/32	1	1000.00



## B-27, Wash Bottles fitting only, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Interchangeable with all ASGI make wash bottles.

Cat No.	To Fit Flask	Joint	Qty. Per Case	Price/Pc.
0348	250	24/29	4	450.00
0349	500	24/29	4	465.00
0350	1000	24/29	4	500.00
0351	1000	29/32	4	550.00





### B-28, Gas Washing Bottles Inter-chargeable Fitting, ASGI®

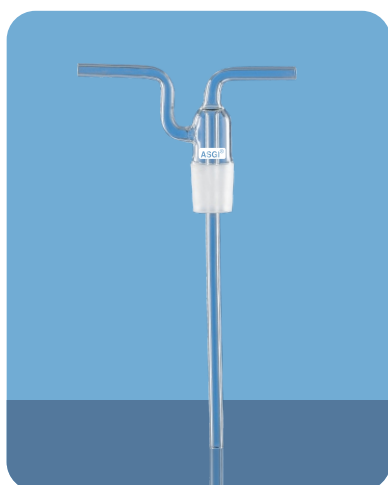
- Made of 3.3 Borosilicate Glass.
- These bottles are mechanically strong & chemical resistant.

Cat No.	Cap. ml.	Joint	Qty. Per Case	Price/Pc.
0352	125	29/32	1	800.00
0353	250	29/32	1	900.00
0354	500	29/32	1	1200.00



### B-29, Gas Washing Bottles Only, ASGI®

Cat No.	Cap. ml.	Joint	Qty. Per Case	Price/Pc.
0355	125	29/32	2	465.00
0356	250	29/32	2	525.00
0357	500	29/32	2	800.00



### B-30, Gas Washing Bottles Fitting Only, ASGI®

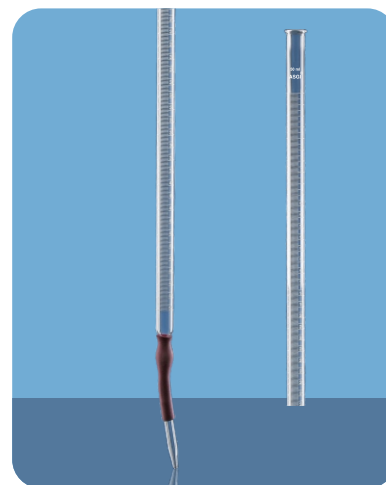
- These joints are made to the same precision as all ASGI ground joints.
- Interchangeable with all ASGI make gas wash bottles.

Cat No.	To Fit Flask	Joint	Qty. Per Case	Price/Pc.
0358	125	29/32	4	335.00
0359	250	29/32	4	375.00
0360	500	29/32	4	400.00

## B-36, Burettes for pinch cock with jet accuracy as per Class "B" I.S. 1997 / EN ISO 385, ASGI®

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a rubber pinch cock & glass jet.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml.	Qty. Per Case	Price/Pc.
0403	10	0.05	0.05	6	180.00
0404	25	0.1	0.1	6	190.00
0405	50	0.1	0.1	6	200.00
0406	100	0.2	0.2	6	250.00

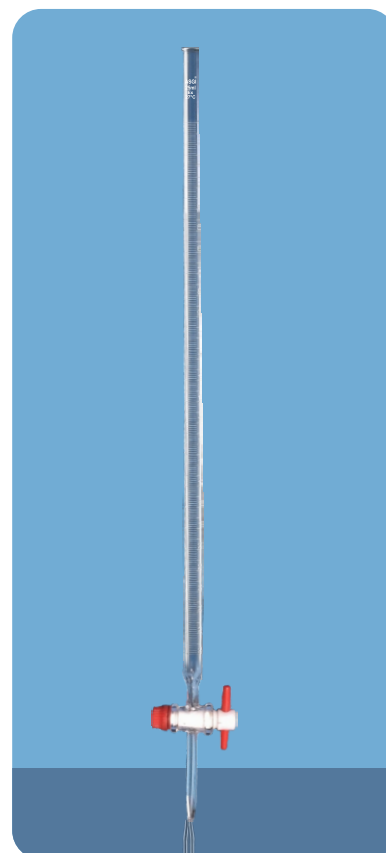


Burettes

## B-37, Burettes with PTFE Stop cock accuracy as per Class "B" I.S. 1997 / EN ISO 385, ASGI®

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a PTFE key stopcock.

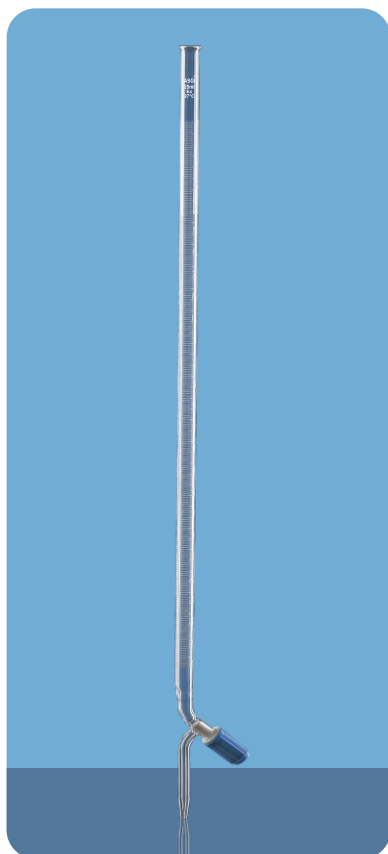
Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml.	Qty. Per Case	Price/Pc.
0411	5	0.05	0.02	2	600.00
0414	10	0.1	0.05	2	600.00
0417	25	0.1	0.1	2	600.00
0418	50	0.1	0.1	2	610.00
0419	100	0.20	0.2	2	720.00



## B-38, Burettes with PTFE Stopcock accuracy as per Class "A" I.S. 1997 / EN ISO 385, with work's certificate, ASGI®

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a PTFE key stopcock.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml.	Qty. Per Case	Price/Pc.
0428	10	0.1	0.05	2	1750.00
0431	25	0.1	0.05	2	1775.00
0432	50	0.1	0.05	2	2000.00
0433	100	0.2	0.10	2	2900.00



### B-39, Burettes Boroflow Stopcock, Screw Thread with PTFE Key, as per Class "B" : I.S. 1997 / EN ISO 385, ASGI®

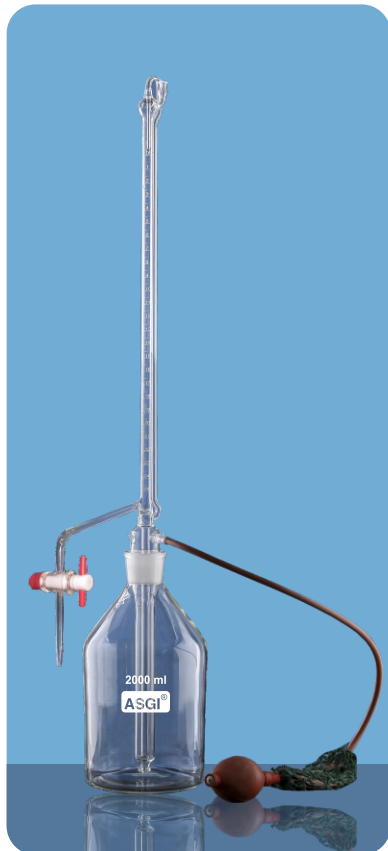
- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a PTFE key stopcock.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml.	Qty. Per Case	Price/Pc.
0438	5	0.05	0.02	2	370.00
0440	10	0.10	0.05	2	370.00
0442	25	0.10	0.1	2	310.00
0444	50	0.10	0.1	2	330.00
0445	100	0.20	0.2	2	550.00

### B-40, Burettes Boroflow Stopcock, Screw Thread with PTFE Key, as per Class "A" : I.S. 1997 / EN ISO 385, with work's certificate, ASGI®

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a Boroflow stopcock PTFE key.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml. ±	Qty. Per Case	Price/Pc.
0451	10	0.10	0.03	2	1750.00
0453	25	0.10	0.05	2	1775.00
0455	50	0.10	0.05	2	2000.00
0456	100	0.20	0.10	2	2900.00



### B-49, Burettes Automatic Zero, Mounted on reservoir with PTFE Stopcock Accuracy as per class B of IS : 1997 / EN ISO 385, Complete with rubber pump, ASGI®

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a PTFE key stopcock

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml. ±	Qty. Per Case	Price/Pc.
0517	10	0.05	0.05	2	3800.00
0518	25	0.1	0.1	2	4000.00
0519	50	0.1	0.1	2	4500.00
0520	100	0.2	0.2	2	5100.00

**B-50, Burettes Automatic Zero, Mounted on reservoir with PTFE Stopcock Accuracy as per Class "A" of IS : 1997 / EN ISO 385, Complete with work certificate and rubber pump, ASGI®**

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a PTFE key stopcock

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml.	Qty. Per Case	Price/Pc.
0521	10	0.05	0.02	2	6410.00
0522	25	0.1	0.05	2	6300.00
0523	50	0.1	0.05	2	7000.00
0524	100	0.2	0.1	2	8500.00



**B-51, Burettes Automatic Zero, Mounted on reservoir with Boroflow Stopcock Accuracy as per Class "B" of IS : 1997 / EN ISO 385, Complete with Rubber Pump, ASGI®**

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a Boroflow stopcock PTFE key.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml. ±	Qty. Per Case	Price/Pc.
0525	10	0.05	0.05	2	3800.00
0526	25	0.1	0.10	2	4000.00
0527	50	0.1	0.10	2	4500.00
0528	100	0.2	0.20	2	5100.00



**B-52, Burettes Automatic Zero, Mounted on reservoir with Boroflow Stopcock Accuracy as per Class "A" of IS : 1997 / EN ISO 385, with works certificate, Complete with Rubber Pump, ASGI®**

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a Boroflow stopcock PTFE key.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml.	Qty. Per Case	Price/Pc.
0529	10	0.05	0.02	2	6100.00
0530	25	0.1	0.05	2	6300.00
0531	50	0.1	0.05	2	7000.00
0532	100	0.2	0.1	2	8500.00



**Z-7, Amber Automatic Burette with Boroflow Stopcock Class "B", ASGI®**

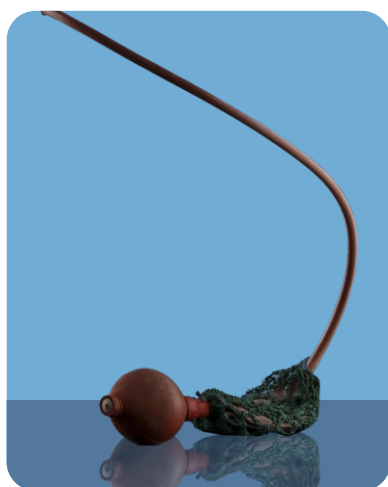
- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a Boroflow stopcock PTFE key.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml ±	Qty. Per Case	Price/Pc.
1892	10	0.05	0.05	2	10000.00
1893	25	0.10	0.10	2	12000.00
1894	50	0.10	0.10	2	14000.00
1895	100	0.20	0.20	2	17000.00

**Z-8, Amber Automatic Burette with Boroflow Stopcock Class "A", with Works Certificate, ASGI®**

- Made from 3.3 Borosilicate Glass with I.D. controlled tubing.
- Graduation printed in white enamel.
- Fitted with a Boroflow stopcock PTFE key.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol ml. ±	Qty. Per Case	Price/Pc.
1896	10	0.05	0.02	2	14500.00
1897	25	0.10	0.05	2	15800.00
1898	50	0.10	0.05	2	17000.00
1899	100	0.20	0.10	2	19500.00



**Z-32, Rubber Bulb, ASGI®**

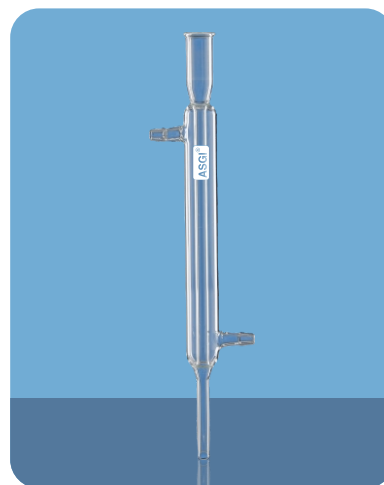
Cat No.	Description	Qty. Per Case	Price/Pc.
2072	Automatic Burette	4	550.00



## C-2, Condensers, Leibig, ASGI®

- Made from 3.3 Borosilicate Glass.
- The light walled inner tube facilitate efficient cooling.
- Used for distillate separation.

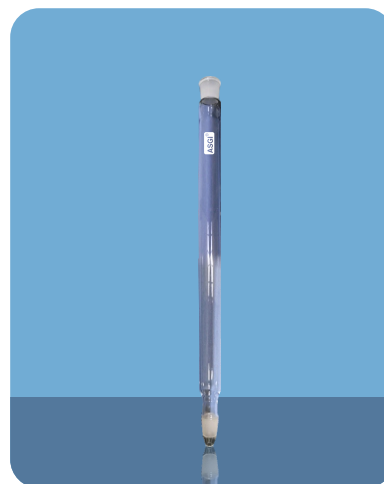
Cat No.	Length mm.	Tube Dia mm.	Qty. Per Case	Price/Pc.
0536	200	20	2	345.00
0537	300	25	2	380.00
0538	400	25	2	430.00
0539	500	25	2	495.00
0540	600	25	2	620.00



## C-11, Condensers Air, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made of 3.3 Borosilicate Glass.
- Air cooled design.

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0559	100	10/19	2	225.00
0560	200	14/23	2	250.00
0561	200	19/26	2	265.00
0562	300	19/26	2	310.00
0563	400	19/26	2	400.00
0564	500	19/26	2	460.00
0565	600	19/26	2	580.00
0566	400	24/29	2	580.00
0567	600	24/29	2	700.00



## C-12, Condensers Air, Vertical ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Low cooling capacity
- Air Cooled design

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0568	400	14/23	2	400.00
0569	400	19/26	2	430.00
0570	500	24/29	2	465.00
0571	1000	24/29	2	500.00





**C-13, Condensers Leibig, ASGI®**

- These joints are made to the same precision as all ASGI ground joints
- Water cooled designing ensures quick cooling
- Used for distillate separation.

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0574	150	14/23	2	400.00
0575	200	19/26	2	425.00
0576	300	19/26	2	500.00
0577	400	19/26	2	600.00
0578	500	19/26	2	680.00
0579	200	24/29	2	440.00
0580	300	24/29	2	495.00
0581	400	24/29	2	600.00
0582	500	24/29	2	680.00
0583	400	29/32	2	635.00
0584	500	29/32	2	740.00
0585	500	34/35	2	790.00



**C-14, Condensers Leibig Vertical ASGI®**

- These joints are made to the same precision as all ASGI ground joints.
- Water Cooled design
- Distillate is recycled again and again in this vertical design.
- Fumes are passed off from the top nozzle.

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0586	300	19/26	2	445.00
0587	400	19/26	2	555.00
0588	500	19/26	2	630.00
0589	400	24/29	2	560.00
0590	500	24/29	2	630.00



**C-15, Condensers Allihn, ASGI®**

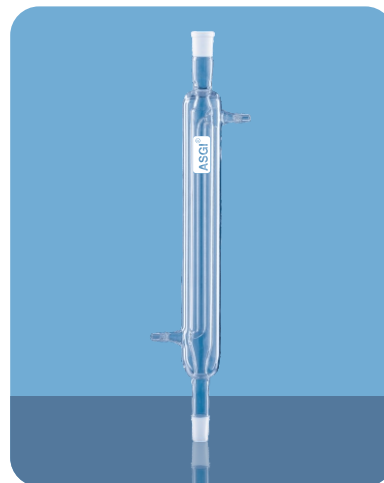
- These joints are made to the same precision as all ASGI ground joints.
- Greater cooling area ensure effective cooling.
- Ideal for high temperature cooling.

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0591	200	19/26	2	575.00
0592	300	24/29	2	650.00
0593	400	24/29	2	750.00
0594	500	24/29	2	900.00
0595	600	24/29	2	1045.00
0596	600	29/32	2	1100.00

## C-17, Condensers Double Surface (Davies) ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Designed with a water jacket both on the outside & through the center of the condensing table.
- Recommended for usage among highly volatile liquids.

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0606	200	19/26	2	1100.00
0607	300	19/26	2	1200.00
0608	200	24/29	2	1120.00
0609	300	24/29	2	1220.00

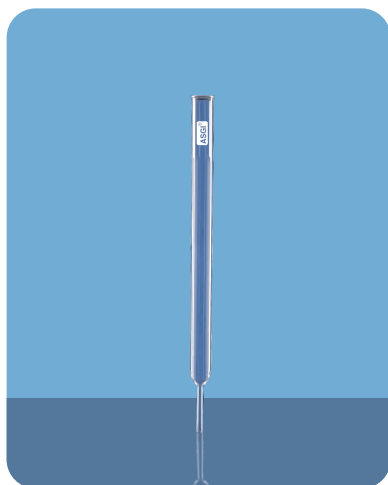


## C-19, Condensers Coiled Distillate, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Coiled condensation tubes ensures highest possible cooling area.
- Ensures faster and quicker cooling.

Cat No.	Length mm.	Joint	Qty. Per Case	Price/Pc.
0617	200	19/26	2	625.00
0618	300	24/29	2	775.00
0619	400	24/29	2	875.00
0620	500	24/29	2	990.00

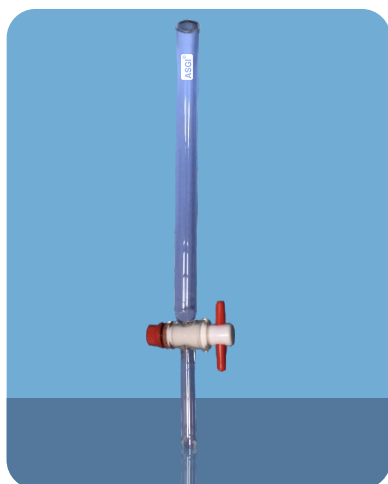




### C-28 Chromatography Columns, Plain, ASGI®

- Used for separation of chemical compounds.
- It contains the stationary phase, allowing the mobile phase to pass through it.

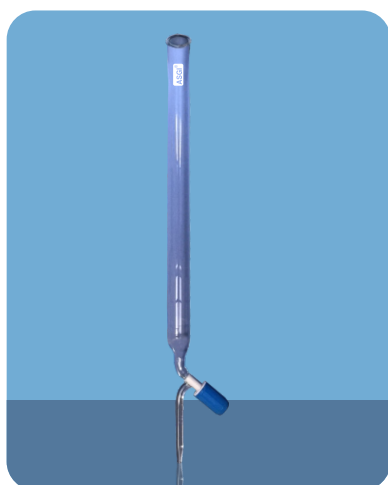
Cat No.	Bore mm.	Length mm.	Qty. Per Case	Price/Pc.
0645	10	150	2	205.00
0646	10	300	2	220.00
0647	18	300	2	290.00
0648	18	450	2	315.00
0649	30	450	2	405.00
0650	30	600	2	465.00



### C-29, Chromatography Columns, Plain with PTFE Stopcock, ASGI®

- Used for separation of chemical compounds.
- It contains the stationary phase, allowing the mobile phase to pass through it.
- Designed with a PTFE stopcock.

Cat No.	Bore mm.	Length mm.	Qty. Per Case	Price/Pc.
0651	10	150	2	435.00
0652	10	300	2	475.00
0653	18	300	2	510.00
0654	18	450	2	650.00
0655	30	450	2	750.00
0656	30	600	2	850.00



### C-30, Chromatography Columns, Plain with Teflon Stopcock, ASGI®

- Used for separation of chemical compounds.
- It contains the stationary phase, allowing the mobile phase to pass through it.
- Designed with a PTFE Rotaflow stopcock.

Cat No.	Bore mm.	Length mm.	Qty. Per Case	Price/Pc.
0657	10	150	2	350.00
0658	10	300	2	400.00
0659	18	300	2	460.00
0660	18	450	2	550.00
0661	30	450	2	650.00
0662	30	600	2	750.00

## C-31, Chromatography Columns, Plain with Sintered Disc, ASGI®

- Used for separation of chemical compounds.
- It contains the stationary phase, allowing the mobile phase to pass through it.
- Designed with a Sintered disc for collection of solid chemical compounds.

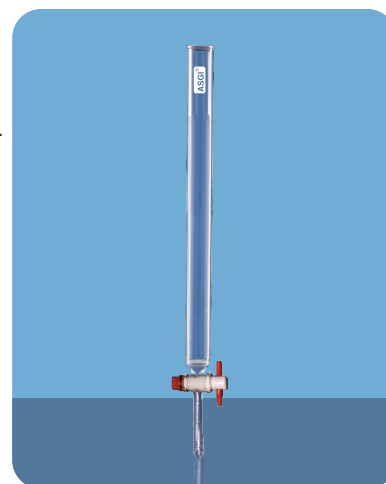
Cat No.	Bore mm.	Length mm.	Qty. Per Case	Price/Pc.
0663	10	150	2	315.00
0664	10	300	2	330.00
0665	18	300	2	430.00
0666	18	450	2	450.00
0667	30	450	2	545.00
0668	30	600	2	645.00



## C-32, Chromatography Columns, Plain with Sintered Disc & PTFE Stopcock, ASGI®

- Used for separation of chemical compounds.
- It contains the stationary phase, allowing the mobile phase to pass through it.
- Designed with a Sintered disc for collection of solid chemical compounds.
- Designed with a PTFE stopcock.

Cat No.	Bore mm.	Length mm.	Qty. Per Case	Price/Pc.
0669	10	150	2	575.00
0670	10	300	2	625.00
0671	18	300	2	675.00
0672	18	450	2	900.00
0673	30	450	2	1000.00
0674	30	600	2	1100.00



## C-33, Chromatography Columns, with Sintered Disc & Teflon Stopcock, ASGI®

- Used for separation of chemical compounds.
- It contains the stationary phase, allowing the mobile phase to pass through it.
- Designed with a Sintered disc for collection of solid chemical compounds.
- Designed with a PTFE Rotaflow stopcock.

Cat No.	Bore mm.	Length mm.	Qty. Per Case	Price/Pc.
0675	10	150	2	475.00
0676	10	300	2	525.00
0677	18	300	2	575.00
0678	18	450	2	800.00
0679	30	450	2	900.00
0680	30	600	2	1000.00





**C-40, Sprayer for Chromatography ASGI®**

- It provides a fine, uniform spray ideally adjusted for the development of chromatography patterns.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
0716	25	1	615.00
0717	50	1	650.00
0718	100	1	725.00



**Z-32, Rubber Bulb ASGI®**

Cat No.	Description	Qty. Per Case	Price/Pc.
2073	Chromatography Sprayer Bulb	4	420.00

## C-41, Cylinders Graduated Single metric Scale with pour out accuracy as per Class "B" of IS 878 / EN ISO 4788, ASGI®

- Graduation in Amber enamel.
- Sturdy base prevents topple and ensures stability

Cat No.	Cap. ml.	Sub Dvn ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
0719	5	0.1	0.1	2	145.00
0720	10	0.2	0.2	2	155.00
0721	25	0.5	0.5	2	200.00
0722	50	1.0	1.0	2	215.00
0723	100	1.0	1.0	2	260.00
0724	250	2.0	2.0	2	500.00
0725	500	5.0	5.0	2	750.00
0726	1000	10.0	10.0	2	1150.00

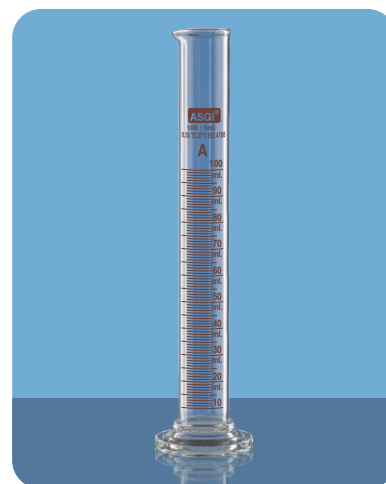


## C-42, Cylinders Graduated Single metric Scale with pour out accuracy as per Class "A" of IS 878 / EN ISO 4788, with work's Certificate, ASGI®

- Graduation in Amber enamel.
- Sturdy base prevents topple and ensures stability.
- Each cylinder is printed with a unique serial number and comes with a certificate.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
0727	5	0.1	0.05	2	425.00
0728	10	0.2	0.10	2	480.00
0729	25	0.5	0.25	2	550.00
0730	50	1.0	0.50	2	670.00
0731	100	1.0	0.50	2	755.00
0732	250	2.0	1.00	2	1100.00
0733	500	5.0	2.50	2	1580.00
0734	1000	10.0	5.0	2	1935.00

\* Not recommended for Tap/bulk density



## Z-58, Cylinders Graduated Single metric Scale with pour out accuracy as per Class "A", ASTM E-1272 / USP, with work's Certificate, ASGI®

- Graduation in Amber enamel.
- Sturdy base prevents topple and ensures stability.
- Each cylinder is printed with a unique serial number and comes with a certificate.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
2157	5	0.1	0.05	2	485.00
2158	10	0.2	0.10	2	560.00
2159	25	0.5	0.15	2	640.00
2160	50	1.0	0.25	2	780.00
2161	100	1.0	0.50	2	865.00
2162	250	2.0	1.00	2	1260.00
2163	500	5.0	1.50	2	1720.00
2164	1000	10.0	3.00	2	2070.00

\* Not recommended for Tap/bulk density





### C-43, Cylinders Graduated Single metric Scale with pour out & I/C Stopper accuracy as per Class "B" of IS 878 / EN ISO 4788, ASGI®

- Graduation in Amber enamel.
- Sturdy base prevents topple and ensures stability.
- Fitted with a glass stopper.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
0735	5	0.1	0.1	2	300.00
0736	10	0.2	0.2	2	310.00
0737	25	0.5	0.5	2	345.00
0738	50	1.0	1.0	2	400.00
0739	100	1.0	1.0	2	500.00
0740	250	2.0	2.0	2	700.00
0741	500	5.0	5.0	2	1150.00
0742	1000	10.0	10.0	2	1725.00



### C-44, Cylinders Graduated Single metric Scale with pour out & I/C Stoppers accuracy as per Class "A" of IS 878 / EN ISO 4788, with work's Certificate, ASGI®

- Graduation in Amber enamel.
- Sturdy base prevents topple and ensures stability.
- Each cylinder is printed with a unique serial number and comes with a certificate.
- Fitted with a glass stopper.

Cat No.	Cap. ml.	Sub Dvn ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
0743	5	0.1	0.05	2	700.00
0744	10	0.2	0.10	2	760.00
0745	25	0.5	0.25	2	875.00
0746	50	1.0	0.50	2	1000.00
0747	100	1.0	0.50	2	1175.00
0748	250	2.0	1.00	2	1875.00
0749	500	5.0	2.50	2	2300.00
0750	1000	10.0	5.0	2	2900.00

\* Not recommended for Tap/bulk density



### C-45, Measuring Cylinders for Suspensibility Test, ASGI®

- Made from controlled ID tubing.
- Length of graduation mark between 0 to 250 ml. is  $210 \pm 5$  mm.
- Extra mark at 25 ml. for easy withdrawal of 9/10 of suspension.

Cat No.	Description	Qty. Per Case	Price/Pc.
0751	250 ml. capacity with stopper the distance between 0 and 250ml marks shall be $210 \pm 5$ mm there shall be an extra mark at 25ml. to easy withdrawal of nine tenths of the suspension.	2	1800.00



## C-46, Cylinders color comparison, Nessler flat bottom, graduated as per IS:4161, ASGI®

- Made from 3.3 Borosilicate Glass.
- Used for color comparison of water samples.

Cat No.	Cap. ml.	Description	Qty. Per Case	Price/Pc.
0752	50	Single mark	2	150.00
0753	100	Two mark(50 ml,100ml)	2	220.00
0754	50	in mached pair	1	300.00
0755	100	in mached pair	1	440.00



Cylinders

## C-47, Cylinders color comparison, Nessler flat bottom, graduated accuracy as per Class "A" of IS:4161, ASGI®

- Made from 3.3 Borosilicate Glass.
- Used for color comparison of water samples.
- Each cylinders is printed with a unique serial number & comes with a certificate.

Cat No.	Cap. ml.	Description	Qty. Per Case	Price/Pc.
0755 A	50	Single mark	2	300.00
0755 B	100	Two mark(50 ml,100ml)	2	450.00





### F-1, Round Bottom Flask, ASGI®

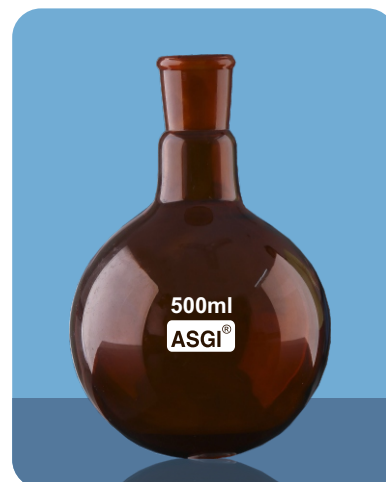
- Made from 3.3 Borosilicate Glass.
- Used in distillation and extraction process.
- Ideal for continuous heating.
- Thick walled glass ensure better mechanical strength.

Cat No.	Cap. ml.	Socket	Qty. Per Case	Price/Pc.
1017	5	10/19	4	100.00
1018	5	14/23	4	100.00
1019	10	10/19	4	105.00
1020	10	14/23	4	105.00
1021	25	14/23	4	115.00
1022	25	19/26	4	115.00
1023	25	24/29	4	115.00
0762	50	14/23	4	130.00
0763	50	19/26	4	130.00
0764	50	24/29	4	130.00
0767	100	14/23	4	140.00
0768	100	19/26	4	140.00
0769	100	24/29	4	140.00
0776	250	14/23	4	200.00
0777	250	19/26	4	200.00
0778	250	24/29	4	200.00
0779	250	29/32	4	200.00
0781	500	14/23	2	300.00
0782	500	19/26	2	300.00
0783	500	24/29	2	300.00
0784	500	29/32	2	300.00
0785	500	34/35	2	300.00
0786	1000	19/26	2	450.00
0787	1000	24/29	2	450.00
0788	1000	29/32	2	450.00
0789	1000	34/35	2	450.00
0792	2000	24/29	1	840.00
0793	2000	29/32	1	840.00
0794	2000	34/35	1	840.00
0795	2000	45/40	1	840.00
0796	3000	24/29	1	2000.00
0797	3000	29/32	1	2000.00
0798	3000	34/35	1	2000.00
0799	3000	45/40	1	2000.00
0800	3000	50/44	1	2000.00
0801	5000	24/29	1	2500.00
0802	5000	29/32	1	2500.00
0803	5000	34/35	1	2500.00
0804	5000	45/40	1	2500.00
0805	5000	50/42	1	2500.00

## Z-27, Amber Round Bottom Flask With Joint, ASGI®

- Made from 3.3 Borosilicate Amber Glass.
- Used in distillation and extraction process.
- Ideal for continuous heating.
- Thick walled glass ensure better mechanical strength.
- Used for light sensitive liquids.

Cat No.	Cap. ml.	Socket	Qty. Per Case	Price/Pc.
2049	100	24/29	4	450.00
2050	250	24/29	4	500.00
2051	500	24/29	2	700.00
2052	1000	24/29	2	925.00



Flask

## F-3, Round Bottom Flask, Two Neck and one Angled side neck, ASGI®

- Made from 3.3 Borosilicate Glass.
- Used in distillation and extraction process.
- Ideal for continuous heating.
- Thick walled glass ensure better mechanical strength.
- Accessories like thermometer pocket, column, dropping funnel, etc can be attached to the second neck as per usage.

Cat No.	Cap. ml.	Centre Socket	Side Socket	Qty. Per Case	Price/Pc.
0851	25	14/23	14/23	4	250.00
0852	50	14/23	14/23	4	280.00
0852A	50	19/26	14/23	4	280.00
0814	100	24/29	14/23	4	300.00
0815	100	24/29	19/26	4	300.00
0816	250	24/29	14/23	2	350.00
0817	250	24/29	19/26	2	350.00
0818	500	24/29	14/23	2	500.00
0819	500	24/29	19/26	2	500.00
0820	1000	24/29	14/23	2	660.00
0821	1000	24/29	19/26	2	660.00
0822	2000	24/29	14/23	1	1100.00
0823	2000	24/29	19/26	1	1100.00
0824	2000	34/35	19/26	1	1100.00
0825	3000	34/35	19/26	1	2500.00
0826	5000	34/35	19/26	1	3500.00





**F-4, Round Bottom Flask's, Three Necks Centre neck and Two Angled side neck, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Used in distillation and extraction process.
- Ideal for continuous heating.
- Thick walled glass ensure better mechanical strength.
- Accessories like thermometer pocket, column, dropping funnel, etc can be attached to the second neck as per usage.

Cat No.	Cap. ml.	Centre Socket	Side Socket	Qty. Per Case	Price/Pc.
0827	100	14/23	14/23	2	400.00
0828	100	19/26	14/23	2	400.00
0829	100	24/29	14/23	2	400.00
0830	100	24/29	19/26	2	400.00
0831	250	19/26	14/23	2	450.00
0832	250	19/26	19/26	2	450.00
0833	250	24/29	14/23	2	450.00
0834	250	24/29	19/26	2	450.00
0837	500	19/26	14/23	2	610.00
0838	500	19/26	19/26	2	610.00
0839	500	24/29	14/23	2	610.00
0840	500	24/29	19/26	2	610.00
0843	1000	24/29	14/23	2	800.00
0844	1000	24/29	19/26	2	800.00
0845	1000	34/35	19/26	2	800.00
0846	2000	24/29	14/23	1	1310.00
0847	2000	24/29	19/26	1	1310.00
0848	2000	34/35	19/26	1	1310.00
0849	3000	34/35	19/26	1	2600.00
0850	5000	34/35	19/26	1	4000.00



**F-5, Flask, Round Bottom, Four Neck, Centre Neck and Three Parallel Side Neck with Interchangeable Joints, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Used in distillation and extraction process.
- Ideal for continuous heating.
- Thick walled glass ensure better mechanical strength.
- Accessories like thermometer pocket, column, dropping funnel, etc can be attached to the second neck as per usage.

Cat No.	Cap. ml.	Centre Socket	Side Socket	Qty. Per Case	Price/Pc.
0850 A	500	34/35	24/29	2	800.00
0850 B	1000	34/35	24/29	2	1050.00
0850 C	2000	34/35	24/29	1	1800.00
0850 D	3000	34/35	24/29	1	3100.00
0850 E	5000	34/35	24/29	1	4600.00

## F-7, Flat Bottom Flasks, ASGI®

- Made from 3.3 Borosilicate Glass.
- Used in distillation and extraction process.
- Ideal for continuous heating.
- Thick walled glass ensure better mechanical strength.

Cat No.	Cap. ml.	Socket	Qty. Per Case	Price/Pc.
0887	50	19/26	4	130.00
0888	50	24/29	4	130.00
0889	50	29/32	4	130.00
0891	100	19/26	4	140.00
0892	100	24/29	4	140.00
0899	250	19/26	4	200.00
0900	250	24/29	4	200.00
0901	250	29/32	4	200.00
0903	500	19/26	2	300.00
0904	500	24/29	2	300.00
0905	500	29/32	2	300.00
0906	500	34/35	2	300.00
0907	1000	24/29	2	450.00
0908	1000	29/32	2	450.00
0909	1000	34/35	2	450.00
0910	2000	24/29	1	840.00
0911	2000	29/32	1	840.00
0912	2000	34/35	1	840.00
0912A	3000	24/29	1	2000.00
0912B	3000	34/35	1	2000.00
0912C	5000	24/29	1	2500.00
0912D	5000	34/35	1	2500.00



Flask

## F-8, Kjeldahl Flasks, long necks, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Specially designed for nitrogen / protein determination as per the kjeldhal method.

Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
0913	100	24/29	2	350.00
0914	300	24/29	2	500.00
0915	500	24/29	2	650.00
0916	800	24/29	2	700.00





### F-9, Kjeldahi Flasks, Round Bottom, Long Neck, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Specially designed for nitrogen / protein determination as per the kjeldhal method.

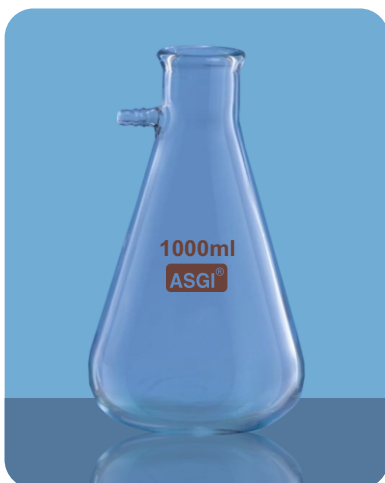
Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1014	10	2	100.00
1015	30	2	110.00
1016	100	2	180.00
1016 A	300	2	400.00
1016 B	500	2	600.00
1016 C	800	2	650.00



### F-10, Oxygen Combustion Flask with Platinum basket, ASGI®

- For determination of Halogens, Sulphur, Phosphorous metal, etc.
- Comes with platinum wire gauge basket for samples.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
0997	250	1	On Request
0998	500	1	On Request



### F-11, Filter Flask Heavy Bolt Neck, ASGI®

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1461	250	4	450.00
1462	500	2	550.00
1463	1000	2	850.00
1464	2000	1	1650.00
1465	3000	1	2850.00
1466	5000	1	5850.00

## F-12, Conical Flasks, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Complies with IS 1381 ( Part II ), EN ISO 4797.
- Ideal for heating.
- Conical design makes them suitable for mixing of liquids.

Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
0930	5	10/19	4	100.00
0931	5	14/23	4	100.00
0932	10	10/19	4	110.00
0933	10	14/23	4	110.00
0934	25	14/23	4	125.00
0935	25	19/26	4	125.00
0936	25	24/29	4	125.00
0937	50	14/23	4	140.00
0938	50	19/26	4	140.00
0939	50	24/29	4	140.00
0940	100	14/23	4	170.00
0941	100	19/26	4	170.00
0942	100	24/29	4	170.00
0948	250	19/26	4	200.00
0949	250	24/29	4	200.00
0950	250	29/32	4	200.00
0951	250	34/35	4	200.00
0952	500	19/26	2	320.00
0953	500	24/29	2	320.00
0954	500	29/32	2	320.00
0955	500	34/35	2	320.00
0956	1000	24/29	2	550.00
0957	1000	29/32	2	550.00
0958	1000	34/35	2	550.00
0959	2000	24/29	1	850.00
0960	2000	29/32	1	850.00
0961	2000	34/35	1	850.00



Flask



### F-13, Stoppered Conical Flasks, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Complies with IS 1381 ( Part II ), EN ISO 4797.
- Ideal for heating.
- Conical design makes them suitable for mixing of liquids.
- Equipped with an interchangeable stopper.

Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
0962	10	10/13	4	140.00
0963	25	14/15	4	160.00
0964	50	19/17	4	180.00
0965	100	19/17	4	200.00
0967	250	24/20	4	260.00
0968	250	29/20	4	270.00
0969	500	24/20	2	400.00
0970	500	29/20	2	410.00
0971	1000	24/20	2	580.00



### Z-26, Amber Conical Flask With I/C Stopper, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Complies with IS 1381 ( Part II ), EN ISO 4797.
- Ideal for heating.
- Conical design makes them suitable for mixing of liquids.
- Made from Amber color tubing.
- Suitable for usage with light sensitive chemicals.

Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
2042	25	14/15	4	400.00
2043	50	19/17	4	410.00
2044	100	19/17	4	470.00
2045	150	24/20	4	490.00
2046	250	24/20	4	560.00
2047	500	24/20	2	700.00
2048	1000	24/20	2	850.00



### F-14, Conical Flasks, with Screwcap, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Complies with IS 1381 ( Part II ), EN ISO 4797.
- Ideal for heating.
- Conical design makes them suitable for mixing of liquids.
- Equipped with PP screw cap.
- Leak proof design.

Cat No.	Cap ml.	Screw Cap	Qty. Per Case	Price/Pc.
0972	25	24	4	150.00
0973	50	24	4	190.00
0974	100	30	4	215.00
0976	250	32	4	290.00
0977	500	32	2	370.00
0978	1000	45	2	600.00



## F-15, Iodine Flasks Cup Shaped, ASGI®

- These flasks are made especially for the determination of iodine value according to the method of ASTM D-29.

Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
0980	100	24/29	2	230.00
0981	250	24/29	2	250.00
0982	500	24/29	2	380.00
0983	1000	24/29	2	600.00



Flask

## F-16, Filter Flasks, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Ideal for usage with buchner funnel with sintered disc.

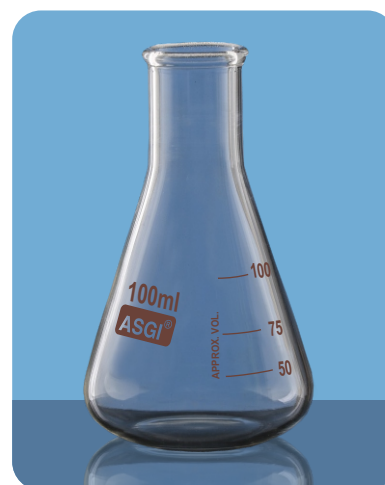
Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
0984	100	19/26	2	300.00
0985	100	24/29	2	300.00
0986	250	24/29	2	350.00
0987	250	29/32	2	350.00
0988	500	24/29	2	500.00
0989	500	29/32	2	500.00
0990	1000	24/29	2	750.00
0991	1000	29/32	2	750.00
0992	1000	34/35	2	750.00



## F-18, Conical Flasks, Erlenmeyer N.M. Graduated, ASGI®

- Complies with IS 1381 ( Part II ), DIN / ISO 1773.
- Ideal for heating.
- Conical design makes them suitable for mixing of liquids.
- Graduation from 100 ml to 2000 ml.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
0993	5	4	55.00
0994	10	4	60.00
0995	25	4	65.00
0996	50	4	75.00
1000	100	4	95.00
1001	150	4	110.00
1002	250	4	135.00
1003	500	2	200.00
1004	1000	2	315.00
1004 A	2000	1	590.00
1004B	3000	1	1350.00
1004C	5000	1	2250.00



\*Note :- 5 ml. to 50 ml. are without graduation



**F-19, Boiling Flasks, Round Bottom, ASGI®**

- Complies with IS 1381 ( Part-I ), ISO 1773.
- Uniform wall thickness makes it suitable for heating.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1005	5	4	55.00
1006	10	4	60.00
1007	25	4	65.00
1008	50	4	75.00
1009	100	4	95.00
1010	250	4	135.00
1010 A	500	2	210.00
1010 B	1000	2	325.00
1010 C	2000	1	620.00
1010 D	3000	1	1350.00
1010 E	5000	1	2250.00



**F-20, Boiling Flasks, Flat Bottom, ASGI®**

- Complies with IS 1381 ( Part-I ), ISO 1773.
- Uniform wall thickness makes it suitable for heating.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1011	100	4	95.00
1013	250	4	135.00
1013 A	500	2	210.00
1013 B	1000	2	325.00
1013 C	2000	1	620.00
1013 D	3000	1	1350.00
1013 E	5000	1	2250.00

## F-27, Volumetric Flask I/C Stopper Accuracy as per Class "B" of IS 915 / EN ISO 1042, ASGI®

Made from 3.3 Borosilicate Glass USP Type 1.

- 1, 2, 3, 4 ml are test tube shape.
- 5, 10, 20 & 200 ml. are trapezoidal shape for better stability and identification.

Cat No.	Cap. ml.	Stopper Size	Tol. ml. ±	Qty. Per Case	Price/Pc.
1046	1	10/13	0.03	10	160.00
1047	2	10/13	0.03	10	160.00
1048	3	10/13	0.03	10	160.00
1049	4	10/13	0.03	10	160.00
1050	5	10/13	0.05	10	160.00
1051	10	10/13	0.05	10	160.00
1052	20	10/13	0.08	2	170.00
1053	25	10/13	0.08	2	175.00
1054	50	10/13	0.12	2	180.00
1055	100	14/15	0.20	2	190.00
1056	200	14/15	0.30	2	225.00
1057	250	14/15	0.30	2	235.00
1057 A	500	19/20	0.50	2	410.00
1057 B	1000	19/20	0.80	2	550.00
1057 C	2000	24/25	1.20	2	1250.00



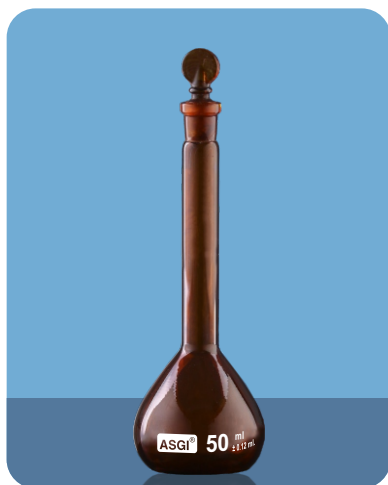
Flask

## F-28, Volumetric Flask I/c Stopper, accuracy as per Class "A" : IS 915 / EN ISO 1042, with works certificate, ASGI®

- Made from 3.3 Borosilicate Glass USP Type 1.
- 1, 2, 3, 4 ml are with round base.
- 5, 10, 20 & 200 ml. are trapezoidal shape for better stability and identification.
- Each flask is printed with a unique serial number and comes with a certificate.

Cat No.	Cap. ml.	Stopper Size	Tol. ml. ±	Qty. Per Case	Price/Pc.
1058	1	10/13	0.015	10	825.00
1059	2	10/13	0.015	10	825.00
1060	3	10/13	0.015	10	825.00
1061	4	10/13	0.015	10	825.00
1062	5	10/13	0.025	10	800.00
1063	10	10/13	0.025	10	680.00
1064	20	10/13	0.04	2	680.00
1065	25	10/13	0.04	2	630.00
1066	50	10/13	0.06	2	600.00
1066 A	75	10/13	0.06	2	650.00
1067	100	14/15	0.10	2	585.00
1067 A	150	14/15	0.10	2	750.00
1068	200	14/15	0.15	2	840.00
1069	250	14/15	0.15	2	835.00
1070	500	19/20	0.25	2	1125.00
1071	1000	19/20	0.40	2	1600.00
1072	2000	24/25	0.60	2	2600.00

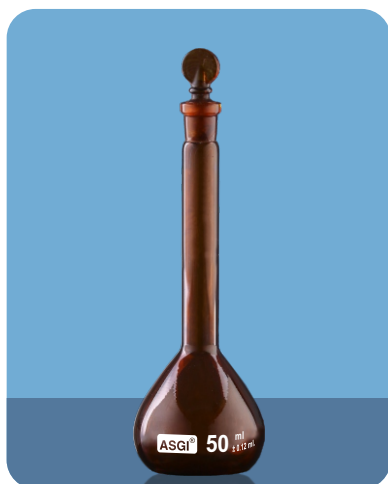




### Z-13, Amber Volumetric Flask I/C Stopper Accuracy as per Class "B" of IS 915 / EN ISO 1042, ASGI®

- Made from 3.3 Borosilicate Amber Glass USP Type 1.
- 1, 2, 3, 4 ml are test tube shape.
- 5, 10, 20 & 200 ml. are trapezoidal shape for better stability and identification.

Cat No.	Cap ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1923	10	0.05	10	270.00
1924	20	0.08	2	290.00
1925	25	0.08	2	290.00
1926	50	0.12	2	305.00
1927	100	0.20	2	340.00
1928	200	0.30	2	400.00
1929	250	0.30	2	400.00
1930	500	0.50	2	600.00
1931	1000	0.80	2	850.00
1932	2000	1.20	2	2500.00



### Z-14, Amber Volumetric Flask I/C Stopper, as per Class "A" : IS 915 / EN ISO 1042, with work certificate, ASGI®

- Made from 3.3 Borosilicate Glass Amber USP Type 1.
- 1, 2, 3, 4 ml are test tube shape.
- 5, 10, 20 & 200 ml. are trapezoidal shape for better stability and identification.
- Each flask is printed with a unique serial number and comes with a certificate.

Cat No.	Cap ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1933 A	5	0.025	10	950.00
1933	10	0.025	10	830.00
1934	20	0.04	2	830.00
1935	25	0.04	2	760.00
1936	50	0.06	2	720.00
1936 A	75	0.06	2	775.00
1937	100	0.10	2	710.00
1937 A	150	0.10	2	890.00
1938	200	0.15	2	990.00
1939	250	0.15	2	980.00
1940	500	0.25	2	1325.00
1941	1000	0.40	2	1910.00



### Volumetric Flask I/C Stopper, as per Class "A" ASTM E 288 / USP, with work certificate, ASGI®

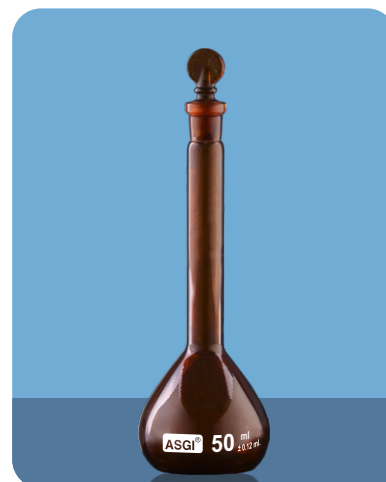
- Made from 3.3 Borosilicate Glass USP Type 1.
- 1, 2, 3, 4 ml are test tube shape.
- 5, 10, 20 & 200 ml. are trapezoidal shape for better stability and identification.
- Each flask is printed with a unique serial number and comes with a certificate.

Cat No.	Cap. ml.	Stopper Size	Tol. ml. ±	Qty. Per Case	Price/Pc.
1101 A	5	10/13	0.02	10	890.00
1101 B	10	10/13	0.02	10	775.00
1101 C	20	10/13	0.03	2	775.00
1101 D	25	10/13	0.03	2	710.00
1101 E	50	10/13	0.05	2	685.00
1101 V	75	10/13	0.05	2	735.00
1101 F	100	14/15	0.08	2	670.00
1101 W	150	14/15	0.08	2	900.00
1101 G	200	14/15	0.10	2	940.00
1101 H	250	14/15	0.12	2	950.00
1101 I	500	19/20	0.15	2	1250.00
1101 J	1000	19/20	0.30	2	1825.00
1101 K	2000	24/25	0.50	2	3000.00

## Amber Volumetric Flask, I/C Stopper, Accuracy as per Class "A" ASTM E 288 / USP, with work's certificate, ASGI®

- Made from 3.3 Borosilicate Amber Glass USP Type 1.
- 1, 2, 3, 4 ml are test tube shape.
- 5, 10, 20 & 200 ml. are trapezoidal shape for better stability and identification.
- Each flask is printed with a unique serial number and comes with a certificate.

Cat No.	Cap. ml.	Stopper Size	Tol. ml. ±	Qty. Per Case	Price/Pc.
1101 L	5	10/13	0.02	10	1050.00
1101 M	10	10/13	0.02	10	940.00
1101 N	20	10/13	0.03	2	940.00
1101 O	25	10/13	0.03	2	860.00
1101 P	50	10/13	0.05	2	835.00
1101 X	75	10/13	0.05	2	875.00
1101 Q	100	14/15	0.08	2	810.00
1101 Y	150	14/15	0.08	2	980.00
1101 R	200	14/15	0.10	2	1150.00
1101 S	250	14/15	0.12	2	1170.00
1101 T	500	19/20	0.15	2	1980.00
1101 U	1000	19/20	0.30	2	3600.00



Flask

## F-31, Volumetric Flask, I/C Stopper, Wide Neck, Accuracy as per Class "A" IS / EN ISO 1042, with work's certificate, ASGI®

- Made from 3.3 Borosilicate Glass USP Type 1.
- Each flask is printed with unique serial number and supplied with certificate.
- Specially designed with Wide Mouth for testing bigger dia tablets without breaking it to powder.

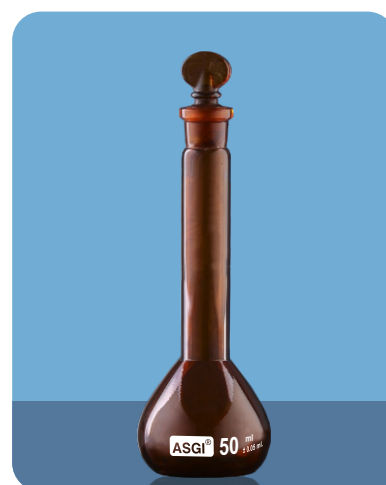
Cat No.	Cap ml.	Stopper Size	Qty. Per Case	Price/Pc.
1093	5	14/15	10	800.00
1095C	10	14/15	10	700.00
1095D	20	14/15	2	710.00
1095E	25	14/15	2	750.00
1094 A	50	14/15	2	740.00
1094 B	100	19/20	2	770.00
1094	200	19/20	2	1000.00
1095	250	19/20	2	1100.00
1095 A	500	24/25	2	1400.00
1095 B	1000	24/25	2	2000.00



## Amber, Volumetric Flask, I/C Stopper, Wide Neck, Accuracy as per Class "A" IS / EN ISO 1042, with work's certificate, ASGI®

- Made from 3.3 Borosilicate Amber Glass USP Type 1.
- Each flask is printed with unique serial number and supplied with certificate.
- Specially designed with Wide Mouth for testing bigger dia tablets without breaking it to powder.

Cat No.	Cap ml.	Stopper Size	Qty. Per Case	Price/Pc.
1075	10	14/15	10	830.00
1076	20	14/15	2	830.00
1077	25	14/15	2	860.00
1078	50	14/15	2	850.00
1079	100	19/20	2	925.00
1080	200	19/20	2	1150.00
1080A	250	19/20	2	1250.00
1080B	500	24/25	2	2100.00
1080C	1000	24/25	2	3500.00





### Penny Head Glass Stoppers, For Volumetric Flask ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Size	Description	Qty. Per Case	Price/Pc.
1072 K	10/13	To Fit Flask 5-50 ml	50	60.00
1072 L	14/15	To Fit Flask 100-250 ml	50	70.00
1072 M	19/20	To Fit Flask 500-1000 ml	50	90.00



### Flat Head LDPE Stoppers, For Volumetric Flask, ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Size	Description	Qty. Per Case	Price/Pc.
1072 N	10/13	To Fit Flask 5-50 ml	50	55.00
1072 O	14/15	To Fit Flask 100-250 ml	50	65.00
1072 P	19/20	To Fit Flask 500-1000 ml	50	80.00



### F-32, Sugar Flask With Two Marks Class "B", ASGI®

- Are used for the analysis of sugars.
- Flasks have a high volume above the graduation mark to allow for adequate mixing of solutions.

Cat No.	Cap. ml.	Marked at	Tol. ml. ±	Qty. Per Case	Price/Pc.
1096	50	50 & 55	0.10	2	300.00
1097	100	100 & 110	0.15	2	350.00
1098	200	200 & 220	0.25	2	400.00



### F-33, Sugar Flask With Two Marks Class "A", with work's certificate, ASGI®

- Are used for the analysis of sugars.
- Flasks have a high volume above the graduation mark to allow for adequate mixing of solutions.
- Each flask is printed with a unique serial number and comes with a certificate.

Cat No.	Cap. ml.	Marked at	Tol. ml. ±	Qty. Per Case	Price/Pc.
1099	50	50 & 55	0.06	2	350.00
1100	100	100 & 110	0.10	2	400.00
1101	200	200 & 220	0.15	2	450.00

## F-34, Kohrausch Flask, (Mud) Class "B" ASGI®

- Made from 3.3 borosilicate glass.
- The upper neck of these flasks are enlarged to permit easy introduction of solids.

Cat No.	Cap ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1102	50	0.40	2	300.00
1103	100	0.10	2	350.00
1104	200	0.20	2	375.00



Flask

## F-35, Kohrausch Flask, (MUD) Class "A" With Work Certificate ASGI®

- Made from 3.3 borosilicate glass.
- The upper neck of these flasks are enlarged to permit easy introduction of solids.

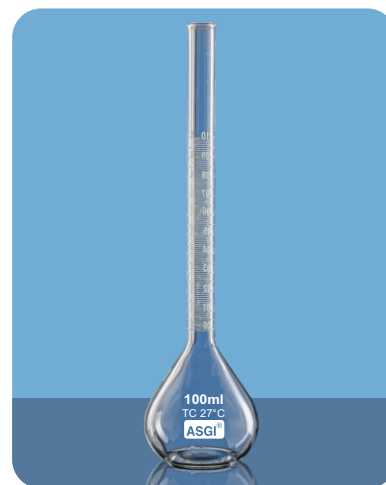
Cat No.	Cap ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1105	50	0.04	2	350.00
1106	100	0.10	2	400.00
1107	200	0.20	2	425.00



## F-36, Cassia Flask, Graduated Long neck, ASGI®

- Made from 3.3 borosilicate glass.
- Graduated tube for easy reading & visibility.
- Used in pharmacy for determining cinnamaldehyde in cassia bark and other forms of cinnamon.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1108	100	2	500.00
1109	200	2	550.00

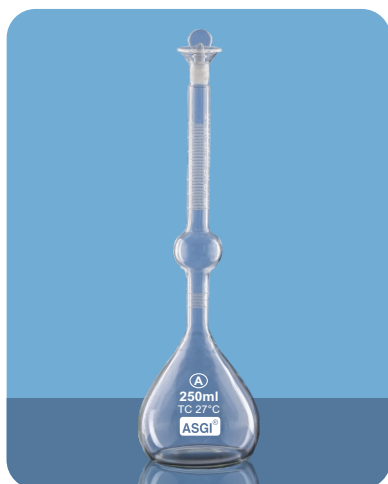




### F-37, Le-Chatelier Flask, Class "B", ASGI®

- Made from 3.3 borosilicate glass.
- Graduated neck from 0 to 1 ml & 18 to 24 ml.
- Used for determining the specific gravity of hydraulic cement, dust sand & other fine materials.

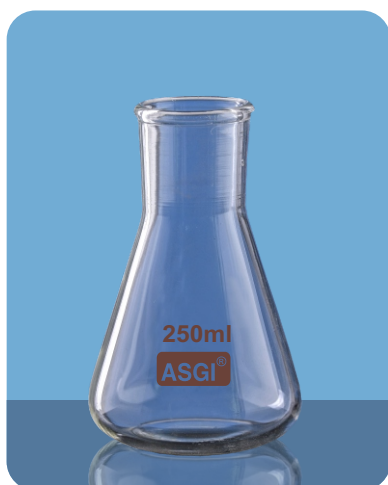
Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1110	for Specific Gravity test-bulb capacity approx 250 ml.		
	neck graduated from 0 to 1 ml and 18 to 24 ml.	2	1100.00



### F-38, Le-Chatelier Flask, Class "A", With Work's Certificate, ASGI®

- Made from 3.3 Borosilicate Glass.
- Graduated neck from 0 to 1 ml & 18 to 24 ml.
- Used for determining the specific gravity of hydraulic cement, dust, sand and other fine materials.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1111	For Specific Gravity test-bulb capacity approx 250 ml.		
	Neck graduated from 0 to 1 ml and 18 to 24 ml in 0.1 division.	2	1350.00



### F-39, Conical Flask, W.M., ASGI®

- Complies to IS 1381.
- Made from 3.3 Borosilicate glass
- Uniform wall thickness
- Designed with Wide Neck for easy cleaning & refill.

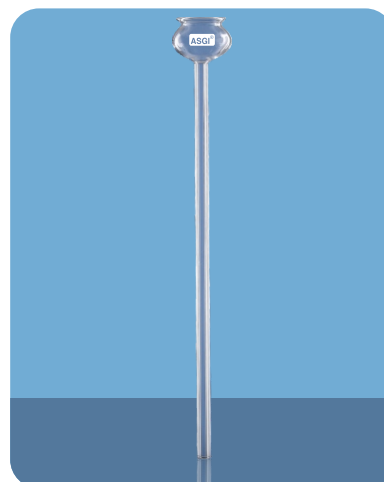
Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1112	50	4	120.00
1113	100	4	140.00
1115	250	4	225.00



## F-40 Funnel With Thistle Head, ASGI®

- Made from 3.3 Borosilicate Glass.
- Suitable to add small volumes of liquids to an exact position.
- Chemically resistant.

Cat No.	Type	Length mm	Qty. Per Case	Price/Pc.
1116	Straight	300	4	160.00
1116 A	Bend Type	300	4	325.00



## F-41, Filter Funnel, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed with 60° angle to ensure precise fitting of filter paper.

Cat No.	Dia mm.	Qty. Per Case	Price/Pc.
1117	15	10	60.00
1118	25	10	65.00
1119	35	10	80.00
1120	50	4	85.00
1121	65	4	100.00
1122	75	4	105.00
1123	100	4	140.00



Funnels

## F-42, Funnels Short Stem, (For Powder), ASGI®

- Made from 3.3 Borosilicate Glass.
- Suitable for powder transfer.
- Designed with a short stem for easy flow.

Cat No.	Dia mm.	Qty. Per Case	Price/Pc.
1124	75	4	220.00
1125	100	4	260.00





**F-44, Separating Funnels, Pear Shape, PTFE Key Stopcock, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Fitted with a PTFE Key Stopcock.
- Used in liquid extraction to separate the components of a mixture into two immiscible solvent phases of different densities.

Cat No.	Cap. ml.	Stopper Size	Qty. Per Case	Price/Pc.
1132 A	25	14/23	2	650.00
1132 B	60	14/23	2	675.00
1132 C	125	19/26	2	800.00
1132 D	250	19/26	2	900.00
1132 E	500	24/29	2	1250.00
1132 F	1000	29/32	1	1750.00
1132 G	2000	29/32	1	3200.00
1132 H	3000	29/32	1	4600.00
1132 I	5000	34/35	1	6200.00



**F-45, Separating Funnels, Pear Shape, With Teflon Key, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Fitted with a Boroflow Stopcock with PTFE Key.
- Used in liquid extraction to separate the components of a mixture into two immiscible solvent phases of different densities.

Cat No.	Cap. ml.	Stopper Size	Qty. Per Case	Price/Pc.
1133	25	14/23	2	400.00
1134	60	14/23	2	450.00
1135	125	19/26	2	550.00
1136	250	19/26	2	650.00
1137	500	24/29	2	850.00
1138	1000	29/32	1	1450.00
1139	2000	29/32	1	2800.00
1140	3000	29/32	1	4200.00
1141	5000	34/35	1	5800.00

## F-54, Separating Funnels, Open Top, ASGI®

- Made from 3.3 Borosilicate Glass.
- Fitted with a Boroflow Stopcock with PTFE Key.
- Open Top design facilitates easy addition of mixture.

Cat No.	Cap. ml.	Cone	Qty. Per Case	Price/Pc.
1190	50	19/26	2	400.00
1191	100	19/26	2	460.00
1192	250	19/26	2	600.00



## Z-55, Separating Funnel, open top, with PTFE Stopcock, ASGI®

- Made from 3.3 Borosilicate Glass.
- Fitted with a PTFE Key.
- Open Top design facilitates easy addition of mixture.

Cat No.	Cap. ml.	Cone	Qty. Per Case	Price/Pc.
2148	50	19/26	2	610.00
2149	100	19/26	2	650.00



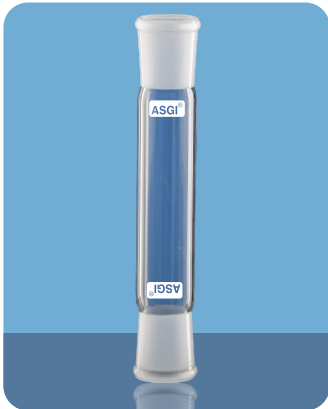
Funnels



### J-1, Sockets, Plain Shank, Single, ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Socket	Shank Length	Qty. Per Case	Price/Pc.
1216	10/19	110	6	115.00
1217	14/23	110	6	115.00
1218	19/16	110	6	125.00
1219	24/29	110	6	140.00
1220	29/32	110	6	155.00
1221	34/35	110	6	225.00
1222	40/38	110	6	285.00
1223	45/50	110	6	295.00
1224	50/42	110	6	345.00



### J-2, Sockets, Plain Shank, Double, ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Socket	Shank Length	Qty. Per Case	Price/Pc.
1226	10/19	80	6	165.00
1228	14/23	80	6	165.00
1229	19/26	80	6	185.00
1230	24/29	80	6	190.00
1231	29/32	90	6	200.00
1232	34/35	100	6	315.00
1233	40/38	100	6	385.00



### J-3, Cone, Plain Shank, Single, ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Cone	Shank Length	Qty. Per Case	Price/Pc.
1235	10/19	110	6	115.00
1236	14/23	110	6	115.00
1237	19/26	110	6	125.00
1238	24/29	110	6	140.00
1239	29/32	110	6	155.00
1240	34/35	110	6	225.00
1241	40/38	110	6	285.00
1242	45/40	110	6	295.00
1243	50/42	110	6	345.00



### J-4, Cone, Plain end Double, ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Cone	Shank Length	Qty. Per Case	Price/Pc.
1245	10/19	80	6	165.00
1247	14/23	80	6	165.00
1248	19/26	80	6	185.00
1249	24/29	80	6	190.00
1250	29/32	80	6	200.00
1251	34/35	100	6	315.00
1252	40/38	100	6	385.00

## P-1, Pipette Transfer, Volumetric, Class "B" : ISO 648, ASGI®

- Calibrate at 27° C for Delivery ( Ex )
- Used for accurate delivery of liquid.

Cat No.	Cap ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1293	1	0.015	15	120.00
1294	2	0.02	15	120.00
1295	3	0.02	15	120.00
1296	4	0.02	15	120.00
1297	5	0.03	15	120.00
1298	10	0.04	15	120.00
1299	15	0.04	12	140.00
1300	20	0.06	8	150.00
1301	25	0.06	8	155.00
1302	50	0.10	2	190.00
1303	100	0.16	2	270.00

## Z-60 Pipette Transfer, Volumetric, Amber Color, Class "A" : ASTM E-969-02/USP with work's certificate, ASGI®

- Calibrated for delivery (Ex)
- Used for accurate delivery of liquid.













Cat No.	Cap. ml.	Sub. Div ml.	Qty. Per Case	Price/Pc.
1253	1	0.006	15	700.00
1254	2	0.006	15	700.00
1255	3	0.006	15	700.00
1256	4	0.006	15	700.00
1257	5	0.01	15	700.00
1258	10	0.02	15	750.00
1259	25	0.03	8	800.00



Pipettes

## P-2, Pipette Transfer, Volumetric, Class "A" : ISO 648, with work's certificate, ASGI®

- Calibrated for Delivery ( Ex )
- Used for accurate delivery of liquid.

Cat No.	Cap ml.	Tol. ml. ±	Color Coding	Qty. Per Case	Price/Pc.
1304	1	0.006		15	300.00
1304 A	1.5	0.006		15	350.00
1305	2	0.010		15	305.00
1305 A	2.5	0.010		15	350.00
1306	3	0.010		15	345.00
1307	4	0.010		15	345.00
1308	5	0.015		15	345.00
1308A	6	0.015	As Per Request	15	425.00
1308B	7	0.015	As Per Request	15	425.00
1308C	8	0.015	As Per Request	15	425.00
1308D	9	0.015	As Per Request	15	425.00
1309	10	0.02		15	410.00
1310	15	0.02		12	475.00
1311	20	0.03		8	550.00
1312	25	0.03		8	575.00
1313	50	0.05		2	660.00
1314	100	0.08		2	990.00

## Z-58, Pipette Transfer, Volumetric, Class "A" : ASTM E-969-02 / USP, with work's certificate, ASGI®

- Calibrated for Delivery ( Ex )
- Used for accurate delivery of liquid.

Cat No.	Cap ml.	Tol. ml. ±	Color Coding	Qty. Per Case	Price/Pc.
2165 A	1	0.006		15	310.00
2165 B	1.5	0.006		15	350.00
2165	2	0.006		15	335.00
2165 C	2.5	0.006		15	375.00
2166	3	0.006		15	355.00
2167	4	0.006		15	355.00
2168	5	0.01		15	365.00
2168A	6	0.01	As Per Request	15	450.00
2168B	7	0.01	As Per Request	15	450.00
2168C	8	0.01	As Per Request	15	450.00
2168D	9	0.01	As Per Request	15	450.00
2169	10	0.02		15	415.00
2170	15	0.02		12	495.00
2171	20	0.02		8	540.00
2172	25	0.03		8	580.00
2173	50	0.05		2	675.00
2174	100	0.08		2	1000.00



## P-3, Pipette, Measuring ( Serological ), Class "B" : ISO 835, ASGI®

- These pipettes are graduated to the tip.
- Graduation are printed in permanent Amber stain.

Cat No.	Cap. ml.	Sub. Div ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1318	1.0	0.01	0.01	24	140.00
1320	2.0	0.02	0.02	24	140.00
1322	5.0	0.05	0.05	24	140.00
1324	10.0	0.10	0.10	24	140.00
1325	20.0	0.20	0.20	24	160.00
1326	25.0	0.20	0.20	24	180.00

## P-4, Pipette, Measuring ( Serological ), Class "A" : ISO 835, with work's certificate, ASGI®

- These pipettes are graduated to the tip.
- Graduation are printed in permanent Amber stain.

Cat No.	Cap. ml.	Sub. Div ml.	Tol. ml. ±	Color Coding	Qty. Per Case	Price/Pc.
1327	1.0	0.01	0.007	Yellow	24	380.00
1328	2.0	0.02	0.01	Black	24	400.00
1335	5.0	0.05	0.03	Red	24	470.00
1337	10.0	0.10	0.05	Orange	24	535.00
1339	25.0	0.20	0.10	Green	24	635.00

## P-5, Pipette, Measuring ( Mohr Type ), Class "B" : ISO 835, ASGI®

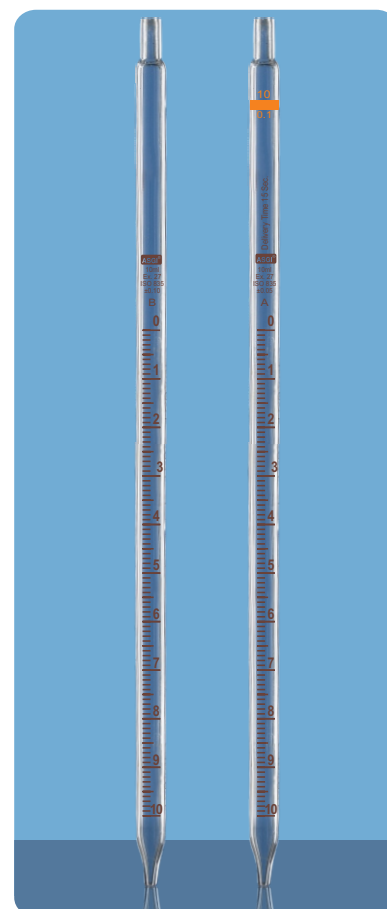
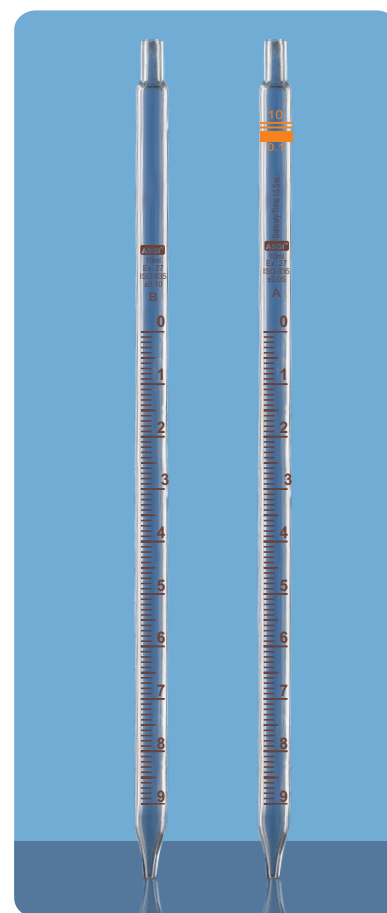
- These pipettes are graduated for delivery from Zero mark to the Last graduation mark.
- Graduations are printed in permanent Amber stain.

Cat No.	Cap. ml.	Sub. Div ml.	Tol. ml. ±	Qty. Per Case	Price/Pc.
1344	1.0	0.01	0.01	24	140.00
1346	2.0	0.02	0.02	24	140.00
1348	5.0	0.05	0.05	24	140.00
1350	10.0	0.10	0.10	24	140.00
1351	20.0	0.20	0.20	24	160.00
1352	25.0	0.20	0.20	24	180.00

## P-6, Pipette, Measuring ( Mohr Type ), Class "A" : ISO 835, with work's certificate, ASGI®

- These pipettes are graduated for delivery from Zero mark to the Last graduation mark.
- Graduations are printed in permanent Amber stain.

Cat No.	Cap. ml.	Sub. Div ml.	Tol. ml. ±	Color Coding	Qty. Per Case	Price/Pc.
1356	1.0	0.01	0.007	Yellow	24	380.00
1360	2.0	0.02	0.01	Black	24	400.00
1361	5.0	0.05	0.03	Red	24	470.00
1363	10.0	0.10	0.05	Orange	24	535.00
1365	25.0	0.20	0.10	Green	24	635.00



Pipettes



**P-10, Flasks Tilt Measure, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Idea for dispensing fixed volume of liquid repeatedly with  $\pm 5\%$  Accuracy.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1401	1	1	600.00
1402	5	1	650.00
1403	10	1	700.00
1404	20	1	750.00
1405	25	1	800.00
1406	50	1	850.00

**Petri Dish & Tilt Measures**



**P-11, Petri Dishes Culture With Serial No. Marks, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Designed with uniform wall thickness and consistent optical performance.
- Beaded edges impart greater mechanical strength.

Cat No.	O.D. XHT mm.	Qty. Per Case	Price/Pc.
1407	50x17	12	125.00
1408	80x17	12	140.00
1408-A	90x17	12	150.00
1409	100x17	12	170.00
1410	150x20	10	510.00



## S-1, Crucible, Gooch Type Low Form, with Sintered Disc, ASGI®

- Made from 3.3 Borosilicate Glass.
- Convenient for collecting a precipitate.

Cat No.	Cap. ml.	Disc Dia mm.	Porosity Grade	Qty. Per Case	Price/Pc.
1424	15	20	1	25	200.00
1425	15	20	2	25	200.00
1426	15	20	3	25	200.00
1427	15	20	4	25	200.00
1428	30	30	1	25	225.00
1429	30	30	2	25	225.00
1430	30	30	3	25	225.00
1431	30	30	4	25	225.00
1432	50	40	1	25	300.00
1433	50	40	2	25	300.00
1434	50	40	3	25	300.00
1435	50	40	4	25	300.00



## S-2, Adapter for Gooch Crucible, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed to fit ASGI make Gooch Crucible.

Cat No.	To Fit	Qty. Per Case	Price/Pc.
1436	15 ml. Crucible Of Cat No. S1	4	135.00
1437	30 ml. Crucible Of Cat No. S1	4	185.00
1438	50 ml. Crucible Of Cat No. S1	4	230.00



Sintered Ware

## S-5, Buchner Filter, ASGI®

- Made from 3.3 Borosilicate Glass.

Cat No.	Cap. ml.	Disc Dia mm.	Porosity Grade	Qty. Per Case	Price/Pc.
1444	35	30	1	2	300.00
1445	35	30	2	2	300.00
1446	35	30	3	2	300.00
1447	35	30	4	2	300.00
1448	80	40	1	2	500.00
1449	80	40	2	2	500.00
1450	80	40	3	2	500.00
1451	80	40	4	2	500.00
1452	200	65	1	2	725.00
1453	200	65	2	2	725.00
1454	200	65	3	2	725.00
1455	200	65	4	2	725.00
1456	500	90	1	2	1750.00
1457	500	90	2	2	1750.00
1458	500	90	3	2	1750.00
1459	500	90	4	2	1750.00
1459A	1000	120	1/2/3/4	2	4650.00





## X-50, Filter Apparatus With Buchner Funnel, ASGI®

Cat No.	Flask cap ml.	Funnel cap. ml.	Por Grade	Qty. Per Case	Price/Pc.
1856	250	80	G - 1	1	900.00
1857	250	80	G - 2	1	900.00
1858	250	80	G - 3	1	900.00
1859	250	80	G - 4	1	900.00
1860	500	200	G - 1	1	1350.00
1861	500	200	G - 2	1	1350.00
1862	500	200	G - 3	1	1350.00
1863	500	200	G - 4	1	1350.00
1864	1000	500	G - 1	1	2300.00
1865	1000	500	G - 2	1	2300.00
1866	1000	500	G - 3	1	2300.00
1867	1000	500	G - 4	1	2300.00

Millipore & Filter App.



## Z-37, Millipore Type Membrane Filter Holder Assembly, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed with a vacuum connection to avoid contamination of the vacuum line from droplets.
- Used for filtration of HPLC Solvents, aqueous mobile phase solutions & buffers.

Cat No.	Membrane size mm.	Funnel mm.	Flask ml.	Qty. Per Case	Price/Pc.
2089	25	25	250	1	3700.00
2090	25	50	500	1	4800.00
2091	47	300	1000	1	6500.00
2181	47	300	2000	1	8000.00
2182	90	1000	5000	1	75000.00

## Spare Flask only for Millipore Type Membrane Filter Holder Assembly, ASGI®

Cat No.	Flask ml.	Qty. Per Case	Price/Pc.
S 050	1000	1	1200.00
S 148	2000	1	1850.00

## S-9, Standard Impinger For Air Sampling, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed to collect airborne contaminants by bubbling the sampled air at a high flow rate through a method specific absorbing liquid inside.

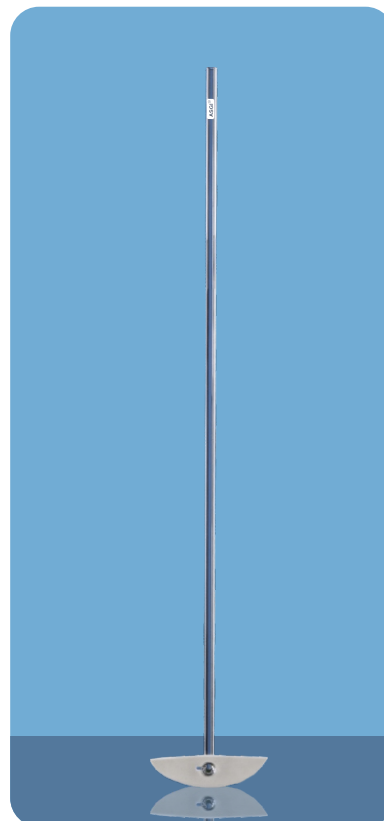
Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1500	35	1	425.00
1501	50	1	475.00



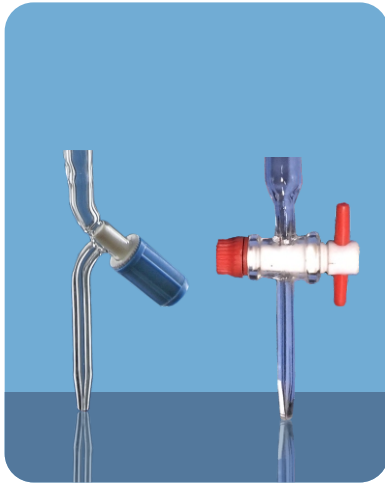
## S-16, PTFE Bladed Stirrers, ASGI®

- Made from 3.3 Borosilicate Glass.
- Provided with PTFE Blade.

Cat No.	Shaft Dia mm.	Shaft Length mm.	Blade wide mm.	Smallest Neck which Stirrer will pass	Qty. Per Case	Price/Pc.
1520	6	450	50	19/26	4	340.00
1521	6	450	75	24/29	4	355.00
1522	8	600	100	34/35	4	475.00
1524	10	750	100	34/35	4	875.00



Impinger & Stirrer



### S-23, Stopcock for Burettes, ASGI®

- Made from 3.3 Borosilicate Glass.
- No need of lubrication.
- Resistant to chemicals.

Cat No.	Key	Qty. Per Case	Price/Pc.
1544	PTFE S/c	10	300.00
1545	Teflon S/c	10	150.00



### S-31, Stoppers Hexagonal, ASGI®

- Made from 3.3 Borosilicate Glass.

Cat No.	Cone	Qty. Per Case	Price/Pc.
1579	10/19	50	35.00
1580	14/23	50	45.00
1581	19/26	50	50.00
1582	24/29	50	55.00
1583	29/32	50	80.00
1584	34/35	25	105.00

Stoppers,  
Jars & Stopcock



### S-32, Specimen Jar with screw cap and rubber liner, ASGI®

- Made from 3.3 Borosilicate Glass.
- Wide Mouth design facilitates easy use & cleaning.

Cat No.	Cap ml.	Dia x. Ht. mm.	Qty. Per Case	Price/Pc.
1585	100 tall	50 x 70	10	250.00
1586	200 tall	60 x 110	7	265.00
1587	250 tall	65 x 120	7	300.00
1588	250 Squat	70 x 80	7	330.00

## T-1, Test Tube with rim, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed to bear thermal & mechanical shock.

Cat No.	Dia x. Ht. mm.	Qty. Per Case	Price/case.
1595	10x75	100	875.00
1595a	12x100	100	1050.00
1596	15x125	100	1200.00
1597	15x150	100	1400.00
1598	18x150	100	1600.00
1599	25x150	50	2200.00

Note : Minimum Order Qty. is 1 Box of 100 Pc. Test Tube



## T-2, Test Tube without rim, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed to bear thermal & mechanical shock.

Cat No.	Dia x. Ht. mm.	Qty. Per Case	Price/case.
1652	10x75	100	875.00
1653	12x100	100	1050.00
1654	15x125	100	1200.00
1655	15x150	100	1400.00
1656	18x150	100	1600.00
1657	25x150	50	2200.00

Note : Minimum Order Qty. is 1 Box of 100 Pc. Test Tube



**Test Tube**



### T-3, Test Tube with screw cap & liner, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed with interchangeable screw caps for easy handling & storage.

Cat No.	Capacity ml	Qty. Per Case	Price/Pc.
1601	10	20	70.00
1602	20	20	80.00
1603	30	20	90.00



### T-4, Test Tube stopperd, ASGI®

- Made from 3.3 Borosilicate Glass.
- Fitted with a ground glass interchangeable stopper.
- Mechanically strong.

Cat No.	Cap. ml.	Dia x. Ht. mm.	Joint mm.	Qty. Per Case	Price/Pc.
1604	10	15x125	10/13	20	90.00
1605	15	16x150	14/15	20	110.00
1606	20	18x150	14/15	20	110.00
1607	30	25x150	19/17	20	115.00
1608	40	25X175	19/17	20	140.00
1609	50	25X200	19/17	20	165.00
1610	75	32x200	24/20	20	200.00
1611	100	34x200	24/20	20	270.00
1612	150	38x200	29/25	20	340.00

Test Tube



### T-5, Test Tube with screw cap Graduated, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed with interchangeable screw cap for easy handling & storage.
- These test tubes are graduated for greater precision.

Cat No.	Cap ml.	Qty. Per Case	Price/Pc.
1613	10	20	105.00
1614	20	20	115.00
1615	30	20	120.00

## T-6, Test Tube Stoppered Graduated, ASGI®

- Made from 3.3 Borosilicate Glass.
- Interchangeable glass stopper facilitates convenience in washing & storage.

Cat No.	Cap. ml.	Dia x. Ht. mm.	Joint mm.	Qty. Per Case	Price/Pc.
1616	10	15x125	10/13	20	130.00
1617	15	15x150	14/15	20	140.00
1618	20	18x150	14/15	20	150.00
1619	30	25x150	19/23	20	175.00
1620	40	25X175	19/23	20	220.00
1621	50	25X200	19/23	20	250.00
1622	75	32x200	24/20	20	330.00



## T-8, Tube culture media, Flat bottom with screw cap and liner, ASGI®

- Made from 3.3 Borosilicate Glass.
- Flat base for easy storage.
- Interchangeable caps facilitates in washing.

Cat No.	Cap ml.	Dia x. Ht. mm.	Qty. Per Case	Price/Pc.
1627	5	16x50	100	40.00
1627A	10	25x50	100	42.00
1628	15	25x57	100	45.00
1628A	20	25x72	100	48.00
1629	30	25x95	100	55.00



Test Tube & Culture Tube

## T-8, Tube culture media, Amber Color, Flat bottom with screw cap and liner, ASGI®

- Made from 3.3 Borosilicate Glass.
- Flat base for easy storage.
- Interchangeable caps facilitates in washing.

Cat No.	Cap ml.	Dia x. Ht. mm.	Qty. Per Case	Price/Pc.
1630	10	25x50	100	85.00
1631	15	25x57	100	90.00
1632	20	25x72	100	95.00
1633	30	25x95	100	110.00

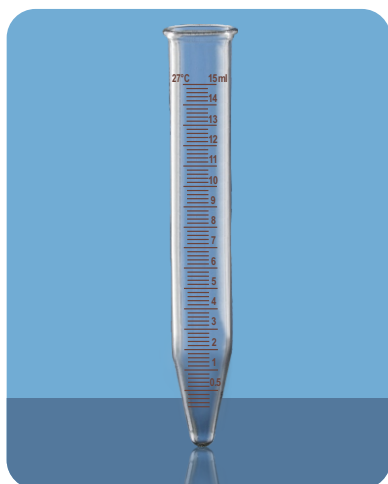




### T-12, Centrifuge Tube, Plain with rim conical bottom, ASGI®

- Made from uniform bore 3.3 Borosilicate Glass.
- Heavy particles accumulate at the bottom.

Cat No.	Cap ml.	O.D X. Ht. mm.	Qty. Per Case	Price/Pc.
1634	12	16x110	20	70.00
1635	15	17x120	20	75.00



### T-13, Centrifuge Tube, Graduated with rim conical bottom, ASGI®

- Made from uniform bore 3.3 Borosilicate Glass.
- Heavy particles accumulate at the bottom.
- Graduated tubes in amber stain.

Cat No.	Cap ml.	O.D X. Ht. mm.	Qty. Per Case	Price/Pc.
1636	15	17x120	20	115.00

Centrifuge Tube



### T-14, Centrifuge Plain I/C Stopper, ASGI®

- Made from uniform bore 3.3 Borosilicate Glass.
- Heavy particles accumulate at the bottom.
- Equipped with a stopper.

Cat No.	Cap ml.	O.D X. Ht. mm.	Qty. Per Case	Price/Pc.
1638	15	17x139	20	185.00



## T-20, Blood Sugar tube as per IS:3740:1966, ASGI®

Made from uniform bore 3.3 Borosilicate Glass.

Calibrated at 12.5 ml & 25 ml.

Cat No.	Cap. ml.	Dia x. Ht. mm.	Grade at ml.	Qty. Per Case	Price/Pc.
1646	25	20x220	12.5&25	10	200.00



## T-21, Melting Point tubes, thiel's, ASGI®

- Made from uniform bore 3.3 Borosilicate Glass.
- Made from thick wall, mechanically strong.

Cat No.	Length x dia mm.	Sidetube mm.	Qty. Per Case	Price/Pc.
1648	150x18	10	3	150.00
1649	150x25	10	2	160.00



Blood Sugar &  
Thiels Tube



## X-1, Soxhlet Extraction apparatus, Complete, ASGI®

- Complies with ISO 10640.
- Used for separation of the extract from liquid or solid.

Cat No.	Components	Qty. Per Case	Price/Pc.
1731	a. Extractor 60 ml. b. F.B. Flask 100 ml. c. Allihn condenser 150 mm.	1	1450.00
1732	a. Extractor 100 ml. b. F.B. Flask 250 ml. c. Allihn condenser 200 mm.	1	1700.00
1733	a. Extractor 200 ml. b. F.B. Flask 500 ml. c. Allihn condenser 250 mm.	1	2550.00
1734	a. Extractor 400 ml. b. F.B. Flask 1000 ml. c. Allihn condenser 300 mm.	1	4275.00
1735	a. Extractor 600ml. b. F.B. Flask 2000 ml. c. Allihn condenser 300 mm.	1	6800.00
1736	a. Extractor 1000ml. b. F.B. Flask 3000 ml. c. Allihn condenser 300 mm.	1	9000.00



## X-2, Extractor for Soxhlet, ASGI®

- Made from 3.3 Borosilicate Glass.
- Designed with Siphon Tube & Vapour Tube.

Cat No.	Cap. ml.	Socket	Cone	Qty. Per Case	Price/Pc.
1737	60	34/35	24/29	1	700.00
1738	100	40/38	24/29	1	820.00
1739	200	50/42	24/29	1	1000.00
1740	400	50/42	24/29	1	1950.00
1741	600	50/42	34/35	1	2800.00
1742	1000	50/42	34/35	1	3500.00

## X-3, Condenser for Soxhlet, ASGI®

- Made from 3.3 Borosilicate Glass.
- These joints are made to the same precision as all ASGI ground joints.
- Condenser designed for higher cooling capacity.

Cat No.	Cap ml.	Cone	Qty. Per Case	Price/Pc.
1743	150	34/35	2	580.00
1744	200	40/38	2	700.00
1745	250	50/42	2	1100.00
1746	300	50/42	2	1700.00



## X-4, Extraction Flask, ASGI®

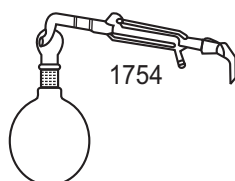
- Made from 3.3 Borosilicate Glass.
- These joints are made to the same precision as all ASGI ground joints.
- Mechanically strong to take physical & thermal shocks.

Cat No.	Cap ml.	Socket	Qty. Per Case	Price/Pc.
1748	100	24/29	4	180.00
1749	250	24/29	4	200.00
1750	500	24/29	2	450.00
1751	1000	24/29	2	575.00
1752	2000	34/35	1	1220.00
1753	3000	34/35	1	2550.00

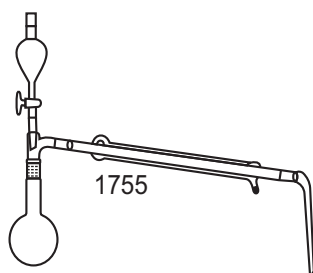


## X-5, Distillation Assemblies, ASGI® (Similar To Quickfit)

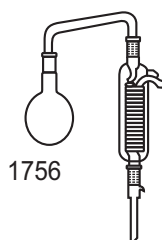
- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.
- Uniform wall thickness of flask makes it suitable for heating.



Cat No.	Components	Qty. Per Case	Price/Pc.
1754	a. R.B. Flask 2000 ml.		
	b. Splash Head		
	c. Double Surface condenser		
	d. Receiver Adapter	1	2350.00



1755	a. R.B. Flask 500 ml.		
	b. Stillhead		
	c. Leibig Condenser		
	d. Receiver Adapter		
	e. Separating Funnel		
	f. Stopper	1	1700.00



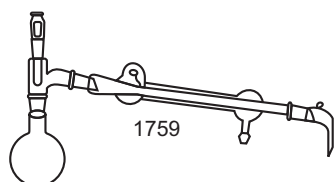
1756	a. R.B. Flask 1000 ml.		
	b. Recovery Bend		
	c. Thorpe Condenser		
	d. Receiver Adapter	1	2600.00



1757	a. R.B. Flask 250 ml.		
	b. Recovery Bend		
	c. Leibig Condenser		
	d. Receiver Adapter	1	1100.00

## X-6, Preparing Assembly, ASGI® (Similar To Quickfit)

- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.

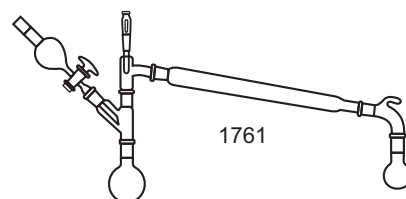


Cat No.	Components	Qty. Per Case	Price/Pc.
1759	a. R.B. Flask 500 ml.		
	b. Stillhead		
	d. Thermometer Pocket		
	e. Leibig Condenser		
	f. Receiver Adapter	1	1600.00

## X-7, Vaccum Distillation Assemblies, ASGI® (Similar to Quickfit)

- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.

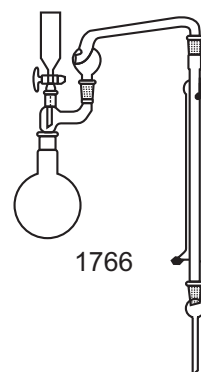
Cat No.	Components	Qty. Per Case	Price/Pc.
1761	a. R.B. Flask 100 ml.		
	b. Multiple Adapter, Two neck		
	c. Stillhead		
	d. Air Condenser		
	e. Receiver Adapter, bent with Vent connection		
	f. R.B. Flask 50ml.		
	g. Thermometer Pocket		
	h. Separating funnel 250 ml.		
	j. Stopper	1	2400.00



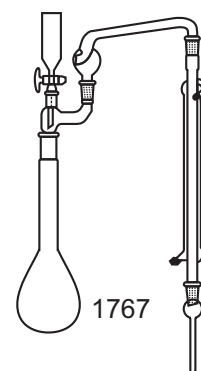
## X-9, Kjeldahl Distillation Assemblies, ASGI® (Similar to Quickfit)

- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.

Cat No.	Components	Qty. Per Case	Price/Pc.
1766	a. R.B. Flask 1000 ml.		
	b. Multiple Adapter two Neck		
	c. Splashhead vertical		
	d. Leibig Condenser		
	e. Receiver Adapter		
	f. Tap Funnel	1	2800.00

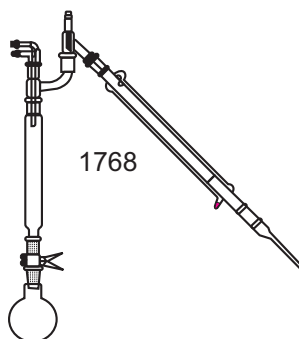


1767	a. Kjeldhal Flask 800ml.		
	b. Multiple Adapter two Neck		
	c. Splashhead vertical		
	d. Leibig Condenser		
	e. Receiver Adapter		
	f. Tap Funnel	1	3100.00

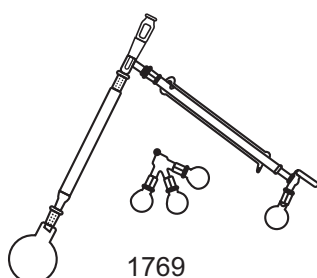


## X-10, Fractionation Assemblies, ASGI® (Similar to Quickfit)

- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.



1768

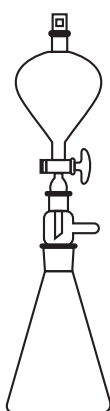


1769

Cat No.	Components	Qty. Per Case	Price/Pc.
1768	a. R.B. Flask 500 ml.		
	b. Reduction Adapter		
	c. Air Condenser		
	d. Multiple adapter two neck		
	e. Immersion Condenser		
	f. Still head		
	g. Receiver adapter plain bend		
	h. Leibig condenser		
	i. Receiver adapter	1	4000.00
1769	a. R.B. Flask 250 ml.		
	b. Air condenser		
	c. Still head		
	d. Thermometer Pocket		
	e. Leibig condenser		
	f. Bend with multiple connection		
	g. 3 x R.B. Flask 25 ml.	1	2600.00

## X-12, Gas Evolution Assemblies, ASGI® (Similar to Quickfit)

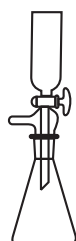
- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.



1771



1772



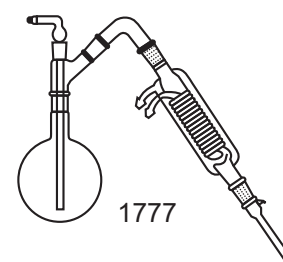
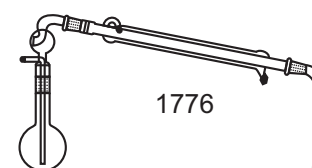
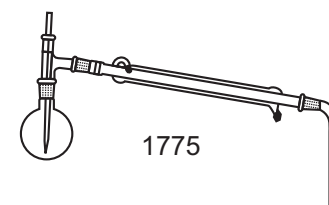
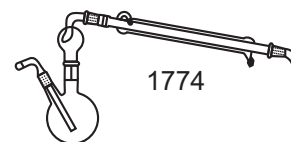
1773

Cat No.	Components	Qty. Per Case	Price/Pc.
1771	a. Conical Flask 1000 ml.		
	b. Adapter with T connection		
	c. Separating Funnel 500 ml.		
	d. Stopper	1	1800.00
1772	a. Filter Flask 500 ml.	1	1325.00
	b. Thistle funnel head		
1773	a. Conical Flask 500 ml.		
	b. Separating funnel 100 ml.	1	1000.00

## X-13, Steam Distillation Assemblies, ASGI® (Similar to Quickfit)

- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.

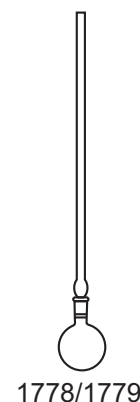
Cat No.	Components	Qty. Per Case	Price/Pc.
1774	a. R.B. Flask two neck 500 ml. b. Splash Head c. Leibig Condenser d. Air Leak Tube	1	1800.00
1775	a. R.B. Flask 500 ml. b. Still Head c. Air Leak Tube d. Leibig Condenser e. Receiver Adapter	1	1700.00
1776	a. R.B. Flask 500 ml. b. Steam Distillation Head c. Leibig Condenser d. Receiver Adapter	1	1600.00
1777	a. R.B. Flask 1000 ml. b. Multiple Adapter two Neck c. Air Leak Tube bent d. Jacketed Coil Condenser e. Recovery Bend f. Receiver adapter	1	2500.00



## X-14, Reflux Assemblies, ASGI®

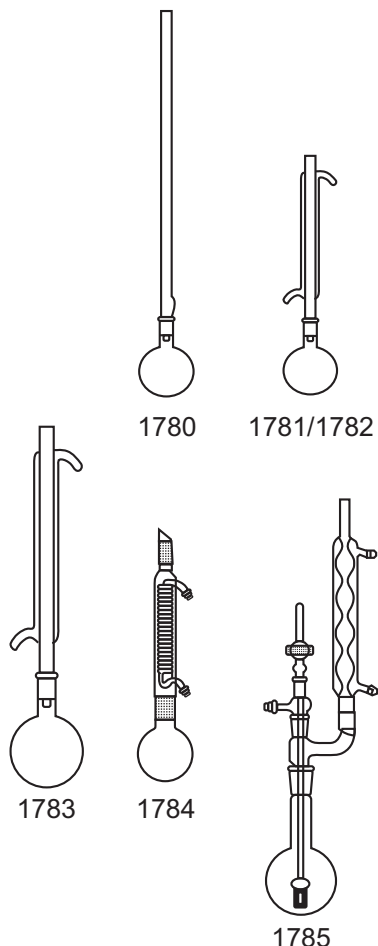
- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.

Cat No.	Components	Qty. Per Case	Price/Pc.
1778	a. R.B. Flask 100 ml b. Air Condenser 500 mm	1	700.00
1779	a. R.B. Flask 250 ml. b. Air Condenser 750 mm.	1	750.00



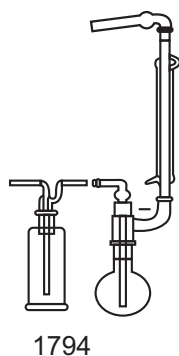
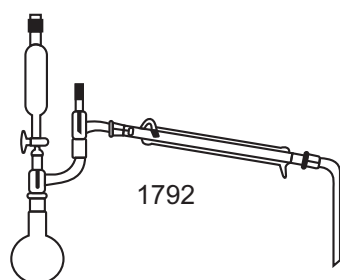
## X-15, Reflux Assemblies, ASGI®

- These joints are made to the same precision as all ASGI ground joints.
- Made from 3.3 Borosilicate Glass.



Cat No.	Components	Qty. Per Case	Price/Pc.
1780	a. R.B. Flask 500 ml. b. Air Condenser 1000 mm.	1	730.00
1781	a. R.B. Flask 100 ml. b. Leibig Condenser 300 mm.	1	650.00
1782	a. R.B. Flask 250 ml. b. Leibig Condenser 400 mm.	1	760.00
1783	a. R.B. Flask 500 ml. b. Leibig Condenser 500 mm.	1	870.00
1784	a. R.B. Flask 1000 ml. b. Reversible condenser	1	1150.00
1785	a. R.B. Flask 500 ml. b. Multiple Adapter two neck. c. Stirrer Guide d. Rubber sleeve Gland e. Link Stirrer f. Allihn Condenser	1	2200.00

## X-18, Reaction Assemblies, ASGI®

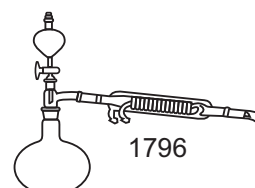
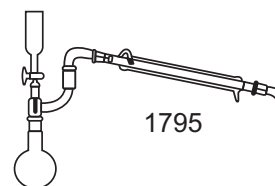


Cat No.	Components	Qty. Per Case	Price/Pc.
1792	a. Round Bottom Flask 250 ml. b. Multiple adapter two necks c. Still head d. Leibig Condenser e. Receiver Adapter f. Thermometer Pocket g. Separating Funnel 100 ml.	1	2000.00
1794	a. Round Bottom Flask 250 ml. b. Multiple adapter two necks c. Air leak tube bent d. Leibig condenser e. Drying tube f. Gas wash bottle body 250 ml. g. Gas wash bottle fitting	1	2500.00



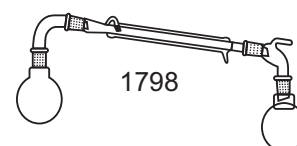
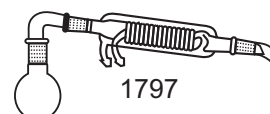
## X-19, Recovery Assemblies, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1795	a. Round Bottom Flask 250 ml. b. Multiple adapter two necks c. Recovery bend d. Leibig condenser e. Separating funnel 100 ml.	1	2000.00
1796	a. R.B. Flask 2000 ml. b. Still head c. Jacketed coil condenser d. Receiver Adapter e. Separating funnel 100 ml. f. Stopper	1	3600.00



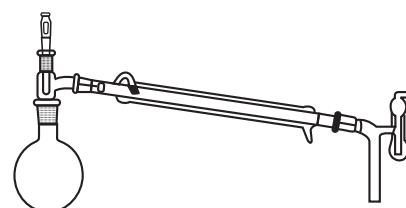
## X-20, Solvent Recovery Assemblies, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1797	a. R.B. Flask 150ml. b. Recovery bend c. Jacketed coil condenser d. Receiver Adapter	1	2200.00
1798	a. R.B. Flask 250ml. b. Recovery bend c. Leibig condenser d. Receiver Adapter Bent with vent e. R.B. Flask 250 ml.	1	1600.00



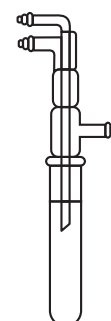
## X-22, Destructive Distillation Assemblies, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1803	a. R.B. Flask 1000ml. b. Still head c. Thermometer Pocket d. Leibig Condenser e. Gas Absorption Adapter with vacuum break	1	2000.00



## X-24, Vacuum Sublimation Assemblies, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1805	a. Test Tube b. Adapter with T connection c. Immersion Condenser	1	1200.00



**X-31, Water Estimation Apparatus (Dean & Stark)  
Light Entrainer without stopcock, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Uniform wall thickness.
- Consist of Graduated Receiver Tube.



Cat No.	Components	Qty. Per Case	Price/Pc.
1817	a. Receiver 2 ml. b. R.B. Flask 250 ml.	1	2200.00
	c. Leibig condenser		
1818	a. Receiver 5 ml. b. R.B. Flask 500 ml.		
	c. Leibig condenser	1	2250.00
1819	a. Receiver 10 ml. b. R.B. Flask 500 ml.	1	2300.00
	c. Leibig condenser		
1820	a. Receiver 25 ml. b. R.B. Flask 1000 ml.		
	c. Leibig condenser	1	2800.00
1821	a. Receiver 50 ml. b. R.B. Flask 1000 ml.	1	3500.00
	c. Leibig condenser		

**X-32, Water Estimation Apparatus (Dean & Stark) Light  
Entrainer with PTFE Key Stopcock, ASGI®**

- Made from 3.3 Borosilicate Glass.
- Uniform wall thickness
- Consist of Graduated Receiver Tube with PTFE Key Stopcock.

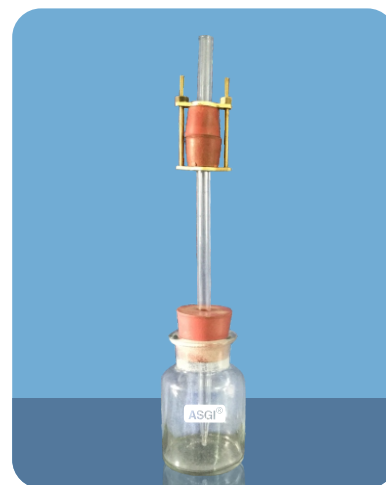


Cat No.	Components	Qty. Per Case	Price/Pc.
1822	a. Receiver 2 ml. b. R.B. Flask 250 ml.	1	2300.00
	c. Leibig condenser		
1823	a. Receiver 5 ml. b. R.B. Flask 500 ml.		
	c. Leibig condenser	1	2350.00
1824	a. Receiver 10 ml. b. R.B. Flask 500 ml.	1	2400.00
	c. Leibig condenser		
1825	a. Receiver 25 ml. b. R.B. Flask 1000 ml.		
	c. Leibig condenser	1	2900.00
1826	a. Receiver 50 ml. b. R.B. Flask 1000 ml.	1	3600.00
	c. Leibig condenser		

Dean & Stark App.

## X-33, Arsenic Determination Appartus, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1827	comprising of 100 ml bottle and arsenic tube in two parts with rubber cock ends.	1	600.00
1827A	As per B.P. Specifications	1	2600.00
1827B	As per USP Specifications	1	3400.00



## X-34, Arsenic Determination Appartus Gutzeit, ASGI®

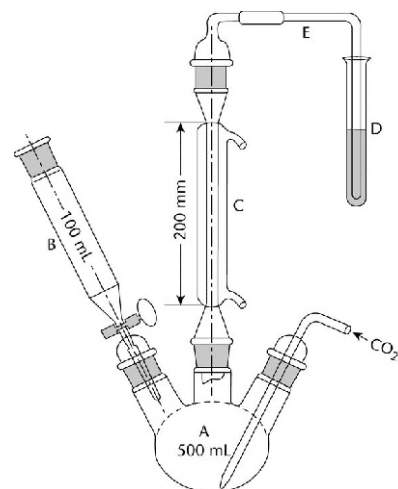
Cat No.	Components	Qty. Per Case	Price/Pc.
1828	Comprising of 100 ml. Bottle and inner fitting the arsenic tube is in two parts with ground flange ends and can be connected together by means of a spring or rubber band. 1		3000.00
1828A	Silver Deithyldithio carbonate method according to I.S. specifications	1	1250.00



## X-35, Sulphur Di-Oxide Apparatus, as per USP, ASGI®

- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Components	Qty. Per Case	Price/Pc.
1840	3-Neck RBF 500 ml. Dropping Funnel 100 ml. Liebig Condenser, 200 mm. Air Inlet Tube Bend. Received Bend. Test Tube.	1	9000.00

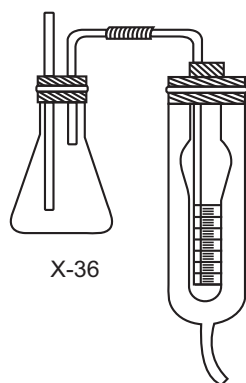




## Alcohol Distillation Assembly, ASGI®

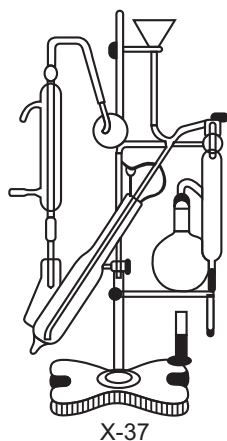
- These joints are made to the same precision as all ASGI ground joints.

Cat No.	Components	Qty. Per Case	Price/Pc.
1841	RBF 1000 ml.		
	Recover Bend.		
	Condenser.		
	Receiver Straight.	1	7500.0



## X-36, Land Burger Boiling Apparatus (Walker-Lumsden), ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1830	comprising of graduate inner tube with outer jacket and conical flask with connecting tube cork fitted.	1	2000.00



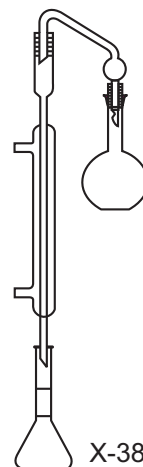
## X-37, Micro kjeldhal Distillation Apparatus (Parnas & Wanger), ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1831	a. Steam generating flask 1000 ml.		
	b. Steam, Trap		
	c. Vacuum Jacketed flask		
	d. Funnel with pinch cock		
	e. Condenser with silver tube		
	f. Receiving flask 250 ml.		
	g. Clamps stand and burner	1	14000.00

## X-38, Volatile Acid Determination Apparatus, ASGI®

- Also known as R.M. value apparatus.
- Facilitates the determination of butter fat & the analysis of oil, fat & waxes.

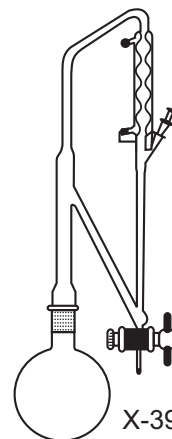
Cat No.	Components	Qty. Per Case	Price/Pc.
1832	Polenske and relchertmeisal for the determination of isolute volatile acids in fats and oils. For analysis of butter and butter fats comprising of 300ml	1	1600.00
	Flask still head condenser and receiver flask graduated at 100 and 110 ml.		



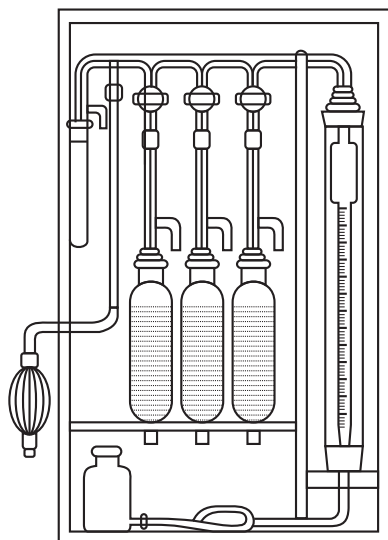
X-38

## X-39, Essential Oil Determination, Apparaus, ASGI®

Cat No.	Components	Price/Pc.
1833	Cocking and Middleton for the determination of volatile oil in drugs comprising of 1000 ml. Flask and vertical tube combined with condenser and measuring tube with stopcock. A Return tube for the aqueous part of the distillate connects the bottom of the measuring tube and the vertical.	4500.00

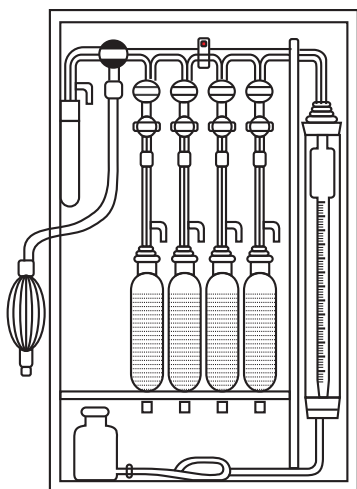


X-39



## X-40, Orsat Gas Analysis Apparatus 3-Test, ASGI®

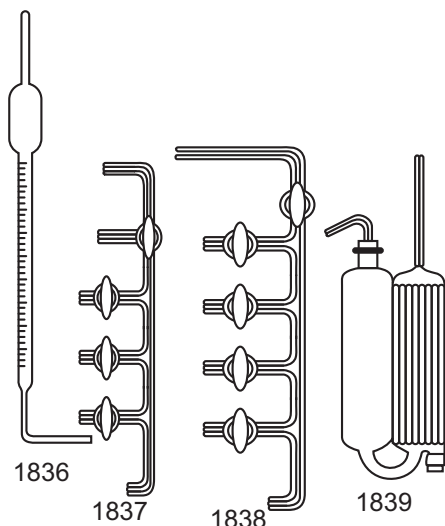
Cat No.	Components	Qty. Per Case	Price/Pc.
1834	comprising of levelling bottle gas burette with outer jacket 3 test manifold, calcium chloride tube and rubber		
	below in wooden cabinet with sliding doors.	1	16000.00



## X-41, Orsat Gas Analysis Apparatus 4-Test, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1835	comprising of levelling bottle gas burette with outer jacket four absorption pipettes, 4-test manifold, calcium chloride tube and rubber below in wooden cabinet with sliding doors.	1	17000 .00

Orsat Apparatus

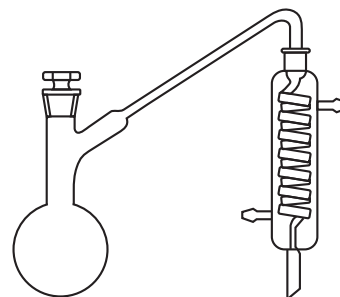


## X-42 Spare For Orsat Apparatus, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1836	100 ml. Gas burette with outer jacket	1	1500.00
1837	3- test manifold	1	1500.00
1838	4- test manifold	1	1600.00
1839	absorption pipette filled with glass tubes	1	1200.00
1840	Levelling Bottle 250ml	1	500.00

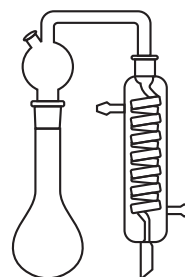
## X-45, Distillation Apparatus, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1850	a. F.B. Flask with a side tube 500 ml.		
	b. Coil Condenser		
	c. Stopper	1	1850.00



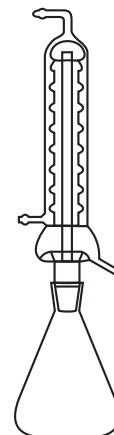
## X-46, Ammonia Distillation Assembly, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1851	a. Kjeldhal Flask 500 ml.		
	b. Still Head		
	c. Coil Condenser	1	1850.00



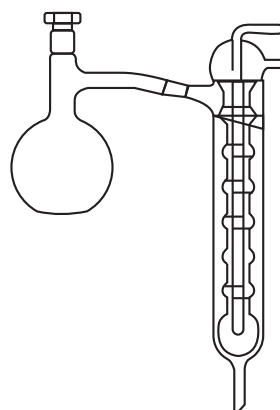
## X-47, Distillation Apparatus Compact, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1852	a. Conical Flask 1000 ml.		
	b. Friedrichs Condensers		
	c. Stopper	1	4000.00



## X-48, Distillation Apparatus with Friedrichs condenser, ASGI®

Cat No.	Components	Qty. Per Case	Price/Pc.
1853	a. F.B. Flask with a side tube 2000ml.		
	b. Friedrich condensers		
	c. Stopper	1	4000.00





### Z-36, Rubber Tubing Extra Soft Quality, ASGI®

Cat No.	Cap. ml.	Qty. Per Case	Price/Pc.
2087	6 x 10 mtr.	1	800.00
2088	8 x 10 mtr.	1	900.00



### Z-38, Automatic Electrically heated all glass distillation apparatus complete with stand & switch board with autocut off, ASGI®

- Instant output of distilled water.
- Double & triple stage purified water is free from pyrogen & heavy metals.
- Powder coated stand for corrosion resistance.
- Lesser consumption of raw water by using it first

Cat No.	Stage	Cap. ml.	Qty. Per Case	Price/Pc.
2092	Single	3 lt.	1	16000.00
2093	Single	5 lt.	1	17500.00
2095	Double	3 lt.	1	32000.00
2096	Double	5 lt.	1	35000.00
2098	Triplle	3 lt.	1	48000.00
2099	Triplle	5 lt.	1	52500.00

1. We do not take guarantee for the life of heaters and electrical parts.
2. Installation charges extra.
3. Max. Output 1.2 Ltr. / Hr (any size)

Water Dist App.



### Z-39, Spare Part for water distillation unit, ASGI®

- Made from 3.3 Borosilicate Glass.

Cat No.	Description	Cap. ml.	Qty. Per Case	Price/Pc.
2101	Flask with heater	3 Lt.	1	11000.00
2102	Flask with heater	5 Lt.	1	12000.00
2104	Condenser	3 Lt.	1	5500.00
2105	Condenser	5 Lt.	1	5600.00



## Z-41, Kipp's Apparatus Complete, ASGI®

- Made from 3.3 Borosilicate Glass.
- Simple to assemble.
- Used to produce common gases.

Cat No.	500 ml ASGI® Cap. ml.	Qty. Per Case	Price/Pc.
2108	500	1	6000.00
2109	1000	1	7000.00



## Z-42, Dessicator With Cover Semi Borosilicate Glass, ASGI®

- Ground glass flanges.
- Designed to be used for drying of moist products & for storage of moisture sensitive substances.
- Accessorised with ceramic plate.

Cat No.	Size	Qty. Per Case	Price/Pc.
2110	150 mm	1	3000.00
2111	210 mm	1	4000.00
2111 A	240 mm	1	5000.00
2111 B	300 mm	1	8000.00



## Z-43, Vacuum Dessicators With Cover Semi Borosilicate Glass, ASGI®

- Ground glass flanges.
- Designed to be used for drying of moist products & for storage of moisture sensitive substances.
- Accessorised with ceramic plate.

Cat No.	Size	Qty. Per Case	Price/Pc.
2112	150 mm	1	4000.00
2113	210 mm	1	6000.00
2114	ASGI® 240 mm	1	6500.00
2115	300 mm	1	10000.00



## Quality Policy

“I attach the highest importance to quality,  
irrespective almost of quantity.  
I plead for quality and quality alone”

Mahatma Gandhi.

**NOTES**

Lined area for notes, consisting of multiple horizontal gray lines.