

# Volumetric Flask

As the field of chemistry evolves with more research & educational institutions as well as industrial applications expanding day by day, the need for high quality glassware has been felt more than ever before. Be it the preparation of standard solutions or making the right volume with appropriate calibration, Volumetric Glassware offers the right mix of quality and efficiency for numerous objectives.

- Manufactured from 3.3 Low Expansion Borosilicate I. D. control tubing
- Individually calibrated with automatic calibration process
- Comes with highest quality standards according to EN ISO 1042 & USP (E 288)
- Strict quality control through all steps eliminate possible deviations from nominal volume
- Supplied with individual certificate which can be downloaded from our website also
- Volumetric Flasks are supplied with plastic or solid glass stopper



It is a laboratory glassware that is designed to hold a certain volume at a particular temperature and indicates the nominal volume, tolerance, precision class, relevant manufacturing standard etc. The Volumetric Flasks are manufactured in a range of sizes that is capable of containing 1 to 5,000 ml of liquid.

It is very important to understand that for analysis that demands high precision, the selection of instruments is very vital. And in cases where precision analysis is expected, only high accuracy instruments give the desired results. Most sophisticated automatic instruments can deliver high precision results, only if the volumetric ware used to prepare samples is accurate.

Borosil volumetric flasks are designed to give the best combination of thermal shock resistance, physical strength and resistance to chemical attack. They are made to withstand the demands of the modern laboratory and are particularly suitable for all glass apparatus assemblies.

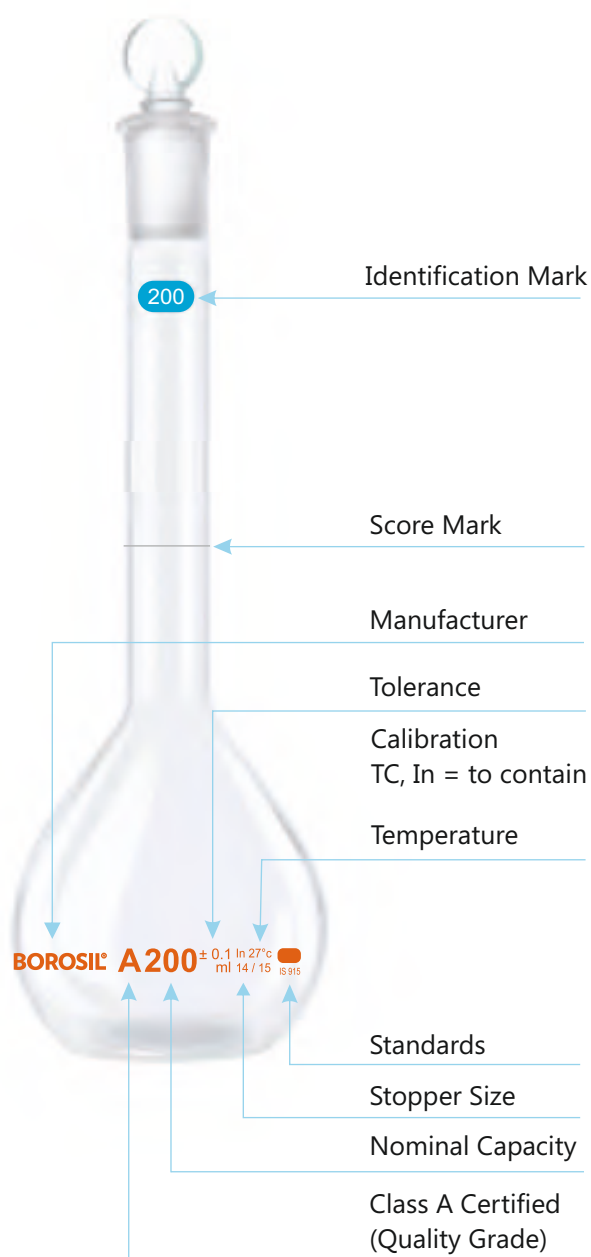
#### Calibration:

- Every Volumetric Flask is calibrated on fully automatic computer controlled calibration machine, eliminating the manual error in reading the meniscus, thereby giving more accurate volume
- Each Volumetric Flask is individually calibrated, provided with unique Code No. and supplied with individual Certificate


#### Printing:

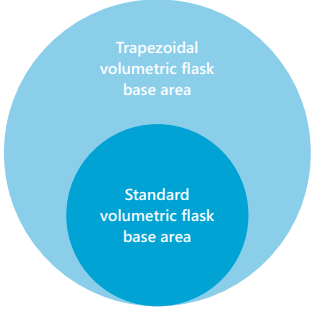
- All Volumetric Flasks are printed with permanent amber colour
- The amber Volumetric Flasks are printed with white ceramic enamel


At **Borosil** we understand that different needs require different solutions. Hence we offer our clients a wide range of flasks, designed to meet their individual requirements, while ensuring optimum quality.



## Trapezoidal Volumetric Flask







Volumetric flasks with small capacities can be topple down more easily due to their higher centre of gravity.

Trapezoidal volumetric flasks have much larger base area which ensures higher stability. It has atleast twice base area compare to standard volumetric flask of the same capacity.

Calibrated at  
20°C



## 5645 - VOLUMETRIC FLASKS

Available till the stocks last.

Volumetric, with Interchangeable Solid Glass Stopper Accuracy as per Class A, USP (US Pharmacopoeia), with Certificate

- Manufactured from 3.3 borosilicate, USP Type I glass
- Calibrated as per USP tolerance ( ASTM E 288)
- Amber enamel inscriptions

Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5645005	5	0.02	10 / 15	5	865.00
5645006	10	0.02	10 / 15	5	755.00
5645008	20*	0.03	10 / 15	5	760.00
5645009	25	0.03	10 / 15	5	695.00
5645012	50	0.05	10 / 15	10	665.00
5645016	100	0.08	14 / 15	10	650.00
5645020	200	0.10	14 / 15	10	910.00
5645021	250	0.12	14 / 15	10	915.00
5645024	500	0.20	19 / 20	10	1200.00
5645029	1000	0.30	19 / 20	10	1745.00
5645030	2000	0.50	24 / 25	2	2840.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- \* Not covered in the standards
- Certified and Calibrated at 20°C

Volumetric Flasks



Calibrated at  
20°C



## 5645D - VOLUMETRIC FLASKS, ASTM

Volumetric, with Interchangeable Solid Glass Stopper Accuracy as per Class A, USP (US Pharmacopoeia), with Certificate

- Manufactured from 3.3 borosilicate, USP Type I glass
- Calibrated as per USP tolerance ( ASTM E 288)

Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Stopper Size	Quantity Per Case	Price / Piece ₹
5645005D	5	0.02	7 / 16	9	5	865.00
5645006D	10	0.02	7 / 16	9	5	755.00
5645008D	20*	0.03	10 / 19	9	5	760.00
5645009D	25	0.03	10 / 19	9	5	695.00
5645012D	50	0.05	12 / 21	9	10	665.00
5645016D	100	0.08	14 / 23	13	10	650.00
5645020D	200	0.10	14 / 23	16	10	910.00
5645021D	250	0.12	14 / 23	16	10	915.00
5645024D	500	0.20	19 / 26	19	10	1200.00
5645029D	1000	0.30	24 / 29	22	10	1745.00
5645030D	2000	0.50	29 / 32	27	2	2840.00

- 1 ml to 20 ml supplied with trapezoidal shape for better stability
- \* Not covered in the standards
- Certified and Calibrated at 20°C

- Volumetric flasks with old stopper sizes - Available till stocks last.



Calibrated at  
20°C

## 5647- VOLUMETRIC FLASKS Available till the stocks last.

Wide Mouth Volumetric with Interchangeable Solid Glass Stopper, Accuracy As Class A, USP (US Pharmacopoeia) with Certificate

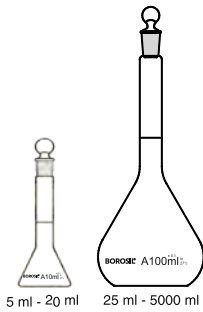
- Calibrated as per USP tolerance (ASTME 288)
- Manufactured from 3.3 borosilicate USP Type I glass
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards
- Specially designed wide mouth for testing bigger dia. Tablet without making it in powder form

Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5647005	5	0.08	14 / 15	5	825.00
5647006	10	0.08	14 / 15	5	715.00
5647008	20*	0.08	14 / 15	5	735.00
5647009	25	0.08	14 / 15	5	790.00
5647012	50	0.08	14 / 15	10	770.00
5647016	100	0.10	19 / 20	10	810.00
5647020	200	0.20	19 / 20	10	955.00
5647021	250	0.20	19 / 20	10	1025.00

- \* Not covered in the standards

- 5 ml to 20 ml supplied with trapezoidal shape for better stability

- Certified and Calibrated at 20°C



5 ml - 20 ml 25 ml - 5000 ml

Calibrated at  
20°C

## 5647D - WIDE MOUTH VOLUMETRIC FLASKS, ASTM

Wide Mouth Volumetric with Interchangeable Solid Glass Stopper, Accuracy As Class A, USP (US Pharmacopoeia) with Certificate

- Calibrated as per USP tolerance (ASTME 288)
- Manufactured from 3.3 borosilicate USP Type I glass
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards
- Specially designed wide mouth for testing bigger dia. Tablet without making it in powder form

Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Stopper Size	Quantity Per Case	Price / Piece ₹
5647005D	5	0.08	14 / 15	13	5	825.00
5647006D	10	0.08	14 / 15	13	5	715.00
5647008D	20*	0.08	14 / 15	13	5	735.00
5647009D	25	0.08	14 / 15	13	5	790.00
5647012D	50	0.08	14 / 15	13	10	770.00
5647016D	100	0.10	19 / 20	16	10	810.00
5647020D	200	0.20	19 / 20	19	10	955.00
5647021D	250	0.20	19 / 20	19	10	1025.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability

- \* Not covered in the standards

- Certified and Calibrated at 20°C

- Volumetric flasks with old stopper sizes - Available till stocks last.



Calibrated at  
20°C



Calibrated at 20°C

## 5655 - VOLUMETRIC FLASKS Available till the stocks last.

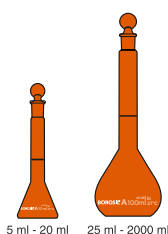
Volumetric with Interchangeable Solid Glass Stopper Accuracy as per Class A, USP (US Pharmacopoeia), Amber With Certificate

- Manufactured from 3.3 borosilicate USP Type I glass with an amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Calibrated as per USP tolerance (ASTM E 288)
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards

Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5655005	5	0.02	7 / 16	5	1035.00
5655006	10	0.02	7 / 16	5	910.00
5655008	20	0.03	10 / 19	5	910.00
5655009	25	0.03	10 / 19	5	835.00
5655012	50	0.05	12 / 21	10	805.00
5655016	100	0.08	14 / 23	10	785.00
5655020	200	0.10	14 / 23	10	1105.00
5655021	250	0.12	14 / 23	10	1110.00
5655024	500	0.20	19 / 26	10	1465.00
5655029	1000	0.30	24 / 29	10	2135.00
5655030	2000	0.50	29 / 32	2	3445.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability

- Certified and Calibrated at 20°C



5 ml - 20 ml      25 ml - 2000 ml



Calibrated at 20°C

## 5655D - VOLUMETRIC FLASKS, ASTM

Volumetric with Interchangeable Solid Glass Stopper Accuracy as per Class A, USP (US Pharmacopoeia), Amber With Certificate

- Manufactured from 3.3 borosilicate USP Type I glass with an amber coating on exterior surfaces to facilitate use with light sensitive solutions
- Calibrated as per USP tolerance (ASTM E 288)
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards

Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Stopper Size	Quantity Per Case	Price / Piece ₹
5655005D	5	0.02	7 / 16	9	5	1053.00
5655006D	10	0.02	7 / 16	9	5	910.00
5655008D	20	0.03	10 / 19	9	5	910.00
5655009D	25	0.03	10 / 19	9	5	835.00
5655012D	50	0.05	12 / 21	9	10	805.00
5655016D	100	0.08	14 / 23	13	10	785.00
5655020D	200	0.10	14 / 23	16	10	1105.00
5655021D	250	0.12	14 / 23	16	10	1110.00
5655024D	500	0.20	19 / 26	19	10	1465.00
5655029D	1000	0.30	24 / 29	22	10	2135.00
5655030D	2000	0.50	29 / 32	27	2	3445.00

- 5 ml to 20 ml supplied with trapezoidal shape for better stability

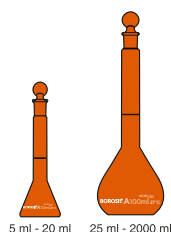
- Certified and Calibrated at 20°C

- Volumetric flasks with old stopper sizes - Available till stocks last.

## 5657D - WIDE MOUTH VOLUMETRIC FLASKS, ASTM

Wide Mouth Volumetric with Interchangeable Solid Glass Stopper, Accuracy As Class A, USP (US Pharmacopoeia) Amber with Certificate

- Calibrated as per USP tolerance ( ASTM E 288)
- Manufactured from 3.3 borosilicate USP Type I glass
- Each flask engraved with individual serial number and supplied with certificate of calibration traceable to National standards
- Specially designed wide mouth for testing bigger dia. Tablet without making it in powder form



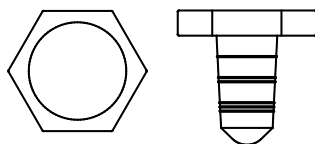
Calibrated at  
20°C



Product Code	Capacity ml	Tolerance ±ml	Stopper Size	Quantity Per Case	Price / Piece ₹
5657005D	5	0.08	13	5	1011.00
5657006D	10	0.08	13	5	865.00
5657008D	20*	0.08	13	5	865.00
5657009D	25	0.08	13	5	945.00
5657012D	50	0.08	13	10	925.00
5657016D	100	0.10	16	10	975.00
5657020D	200	0.20	19	10	1150.00
5657021D	250	0.20	19	10	1245.00

- \* Not covered in the standards
- 5 ml to 20 ml supplied with trapezoidal shape for better stability
- **Certified and Calibrated at 20°C**

## 8300 - PP STOPPERS FOR Volumetric Flasks



Product Code	Interchangeable Joint size	Quantity per Case	Price / Piece ₹
8300007	7 / 16	100	50.00
8300010	10 / 15	100	65.00
8300A10	10 / 19	100	65.00
8300012	12 / 21	100	80.00
8300014	14 / 15	100	90.00
8300A14	14 / 23	100	90.00
8300019	19 / 20	50	95.00
8300A19	19 / 26	50	95.00
8300024	24 / 25	50	100.00
8300A24	24 / 29	50	100.00
8300A29	29 / 32	50	140.00
8300A34	34 / 35	50	150.00

For products listed on the above table use HSN code 39235010

## Stoppers

