



Volumetric flasks

Precisely manufactured as per
international standards

Made from 3.3 Low Expansion
Borosilicate Glass



This flask is a type of laboratory glassware used for precise dilutions & preparation of standard solutions. It is characterized by a flat bottom, long narrow / wide neck, & a single etched line (calibration mark) that indicates a precise volume.

Volumetric Flask

Volumetric Flasks is a laboratory glassware which is designed to hold a certain volume at a particular temperature & indicates the nominal volume, tolerance, precision class, as relevant manufacturing standard etc.

BOROSIL Scientific Volumetric Flasks are manufactured in a range of sizes that is capable of containing 1ml to 5,000ml* of liquid.

It is very important to understand that for analysis which demand high precision, the selection of instruments is very vital. In case where precision analysis is expected, only high accuracy instruments give the desired results. In the most sophisticated automatic instruments can deliver high precision results, only if the volumetric were used to prepare samples is accurate. Volumetric flasks are used for ideal for preparing standard solutions by dissolving a known mass of solute and diluting it to a known volume.



- Individually calibrated with automatic calibration process



- Strict quality control through all the steps eliminate possible deviations from the nominal volume



- Volumetric flasks are supplied with plastic or solid glass stopper



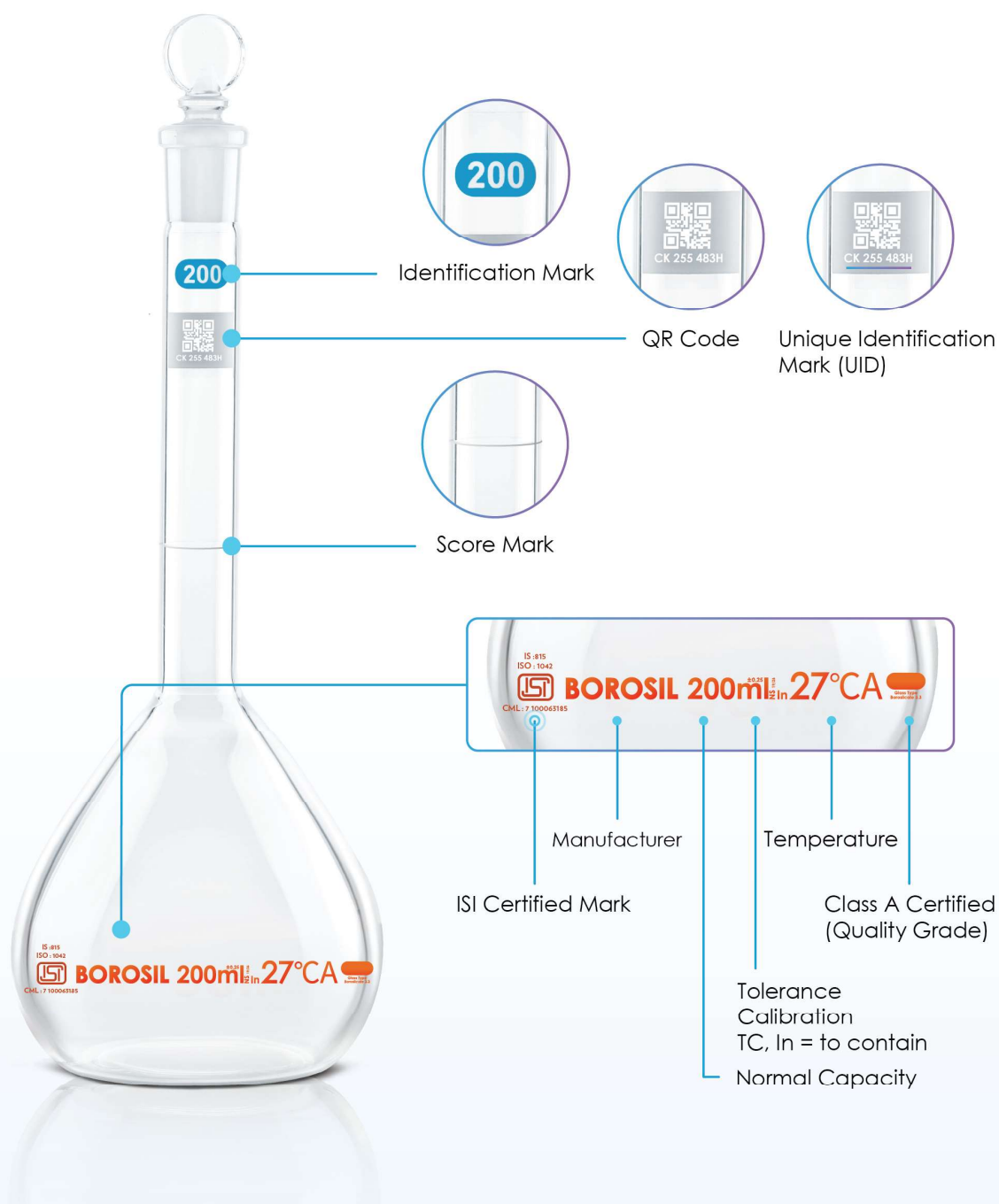
- Real time meniscus image in class A test certificate



- Supplied with the individual certificate which can be downloaded from our websites & our Mobile application

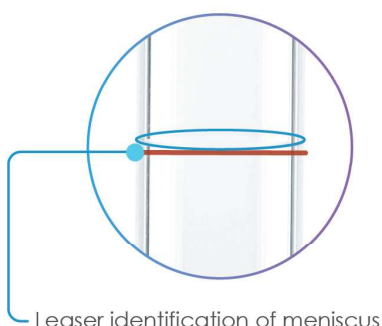


BOROSIL Scientific Volumetric Flasks are designed to give the best combination of thermal shock resistance, physical strength & resistance to chemical attack. They are made to withstand the demands of the modern laboratory & are particularly suitable for all glass apparatus assemblies.

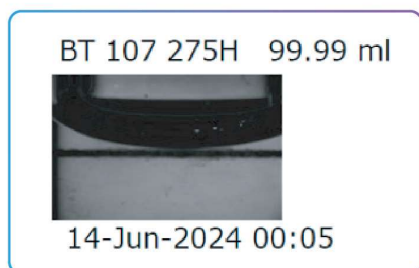


Calibration

- Every Volumetric Flask is calibrated on fully automatic computer controlled calibration machine, eliminating the manual error in the reading the meniscus, thereby giving more accurate volume.
- Every Volumetric Flask is individually calibrated & is provided with Unique identification number (UID) & supplied with individual certificate



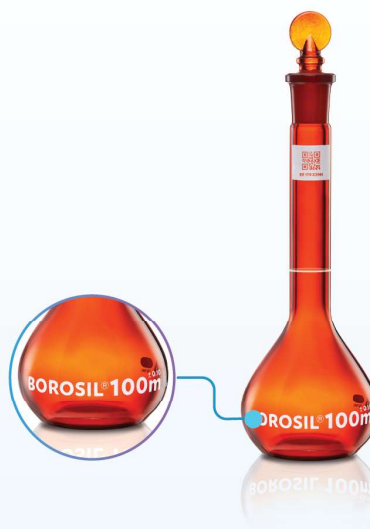
Sophisticated Calibrating Equipment



Borosil Scientific is the only company providing a real time meniscus image with date, time, UID number & actual certified volume on calibration certificate

Printing

- The amber Volumetric Flask are printed with white ceramic enamel.
- Printing is done using advanced printing technology & high quality organic enamels & inks to ensure finest printing quality.



Benefits of QR coded Glassware

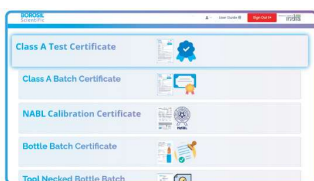
- No more filing of hard copies of the calibration certificates for long years.
- Download the certificates by simple scanning of glassware & print as & when required.
- Easy download the certificates by list of scanned glassware in excel format.
- Saves time & hassle involved in maintaining the certificates.
- Less usage of paper & better for the environments
- Readiness for audit



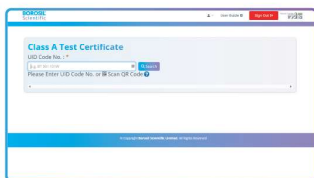
How to download a Calibration Certificate

Borosil's Website

- **Step 1**
Ligon to www.borosilscientific.com & enter product certificate portal

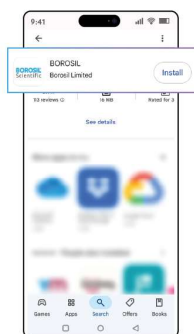


- **Step 1**
Scan QR code on the Volumetric flask using Barcode scanner



Borosil's Application

- **Step 1**
Download the Borosil app from Android Playstore or iOS App store
- **Step 2**
Choose the class category
- **Step 3**
Scan the QR code on the Volumetric flask through your mobile



Types of Volumetric flask



ISO Standards



ISO/USP Standards



ASTM Standards



ISO / USP Standards
With widemouth



NABL Certified



Class B

Penny head Glass Stoppers



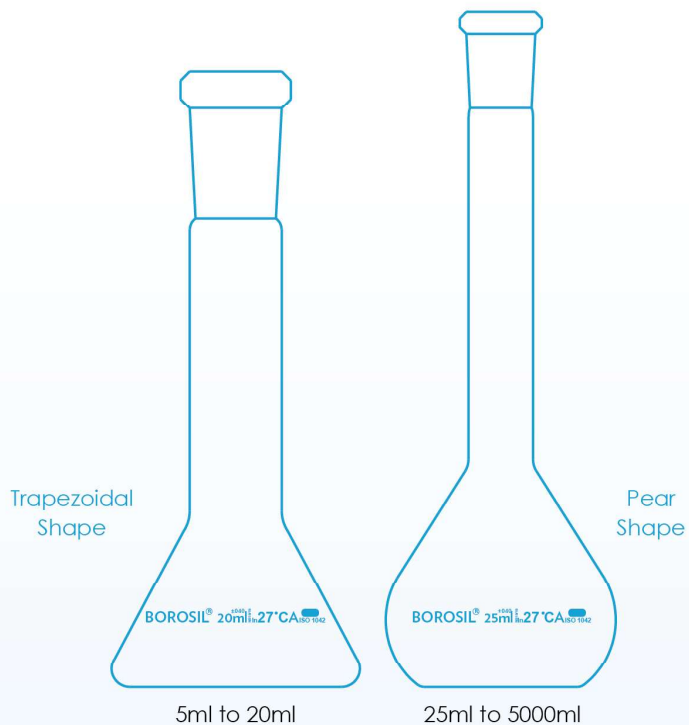
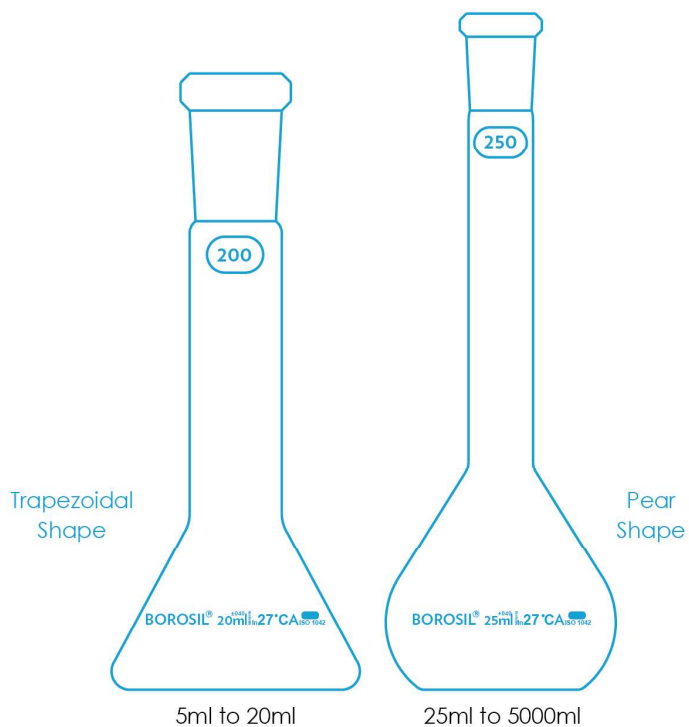
Flat head Glass Stopper



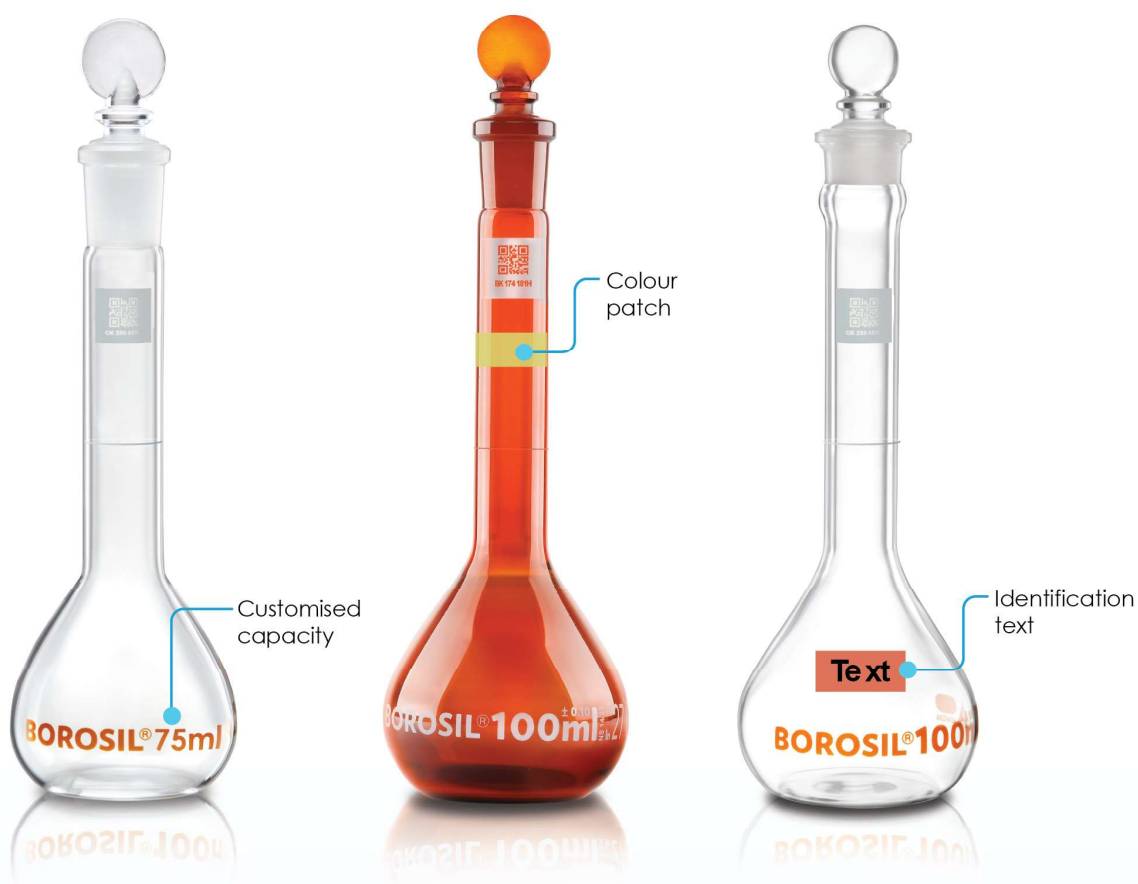
Polypropylene (PP) Stoppers



Easy Identification



Customization



**As per your requirement
we can customize our Flasks**

Our Volumetric flask with ISI mark

What is ISI Mark?

The ISI mark is a certification mark issued by the Bureau of Indian standards (BIS), the national standards body of India. It signifies that a product conforms to the specifications & quality standards set by BIS.



The ISI mark ensures that all the products:



Safe



Reliable



Trust



- Laboratory glassware is crucial to accurate & reliable scientific results. To ensure safety & quality, the Bureau of Indian Standards (BIS) mandates certification for various types of laboratory glassware used in chemical analysis, titration, & precise measurements.



- We offer high-quality, ISI-marked glassware trusted for its safety, precision, & durability - deal for students, scientists, & hobbyists alike.



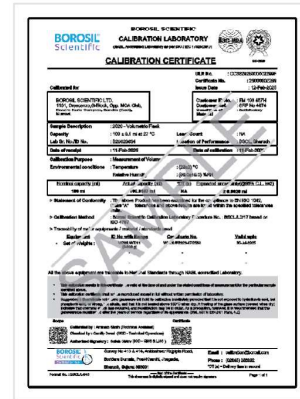
- At Borosil Scientific Limited, we prioritize quality. Our ISI-marked lab glassware meets strict national standards, ensuring high performance, safety, & reliability through rigorous testing.

NABL Certified Glasswares

NABL Accreditation Certificate



NABL Product Certificate



- Product details
- Calibration details
- Calibration equipments traceability
- Statement for recalibration





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