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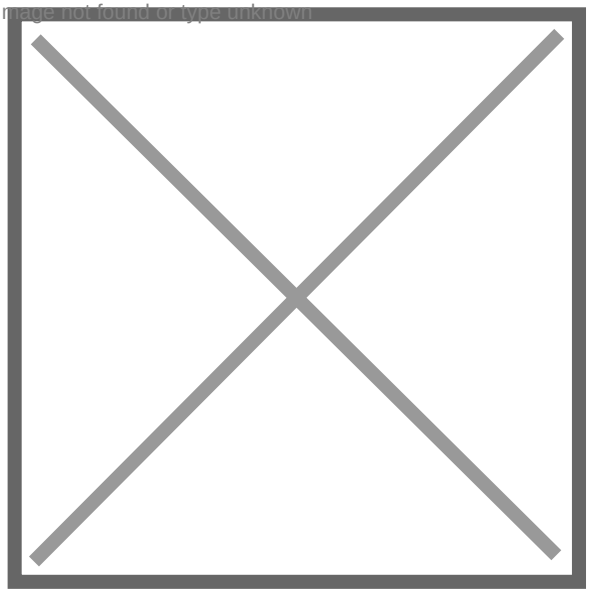
Product Name :

Volumetric Flask

Product Code :

SCL-723/107

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Description :

Volumetric Flask (Product Code: SCL-723/107) is a 1000 ml graduated flask in clear borosilicate glass, closed with a plastic stopper, used to make up a solution to an exact final volume. Chemistry teachers and lab assistants use it to prepare standard solutions and accurate dilutions, where the amount of solute and the total volume both have to be known precisely. With its large capacity it can hold enough standard solution for a whole class, which makes it a practical school volumetric flask for India's senior secondary and college titration labs. The glass is heat resistant and chemical resistant, and the flask is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product Code	SCL-723/107
Capacity	1000 ml
Material	Borosilicate glass
Colour	Clear
Marking	Graduated
Closure	Plastic stopper
Resistance	Heat resistant, chemical resistant

Typical Use

To prepare a standard solution such as N/10 oxalic acid, weigh the solid accurately, dissolve it in a little distilled water in a beaker, and pour the solution into the flask through a funnel. Rinse the beaker, the stirring rod and the funnel into the flask several times so no solute is left behind, then add distilled water until the level approaches the neck. Finish drop by drop until the bottom of the meniscus sits on the graduation mark when viewed at eye level, insert the plastic stopper and invert the flask repeatedly to mix. Together with a burette and a pipette, this flask forms the core of a titration kit for school and college practicals.

Although the glass is heat resistant, never heat a volumetric flask or fill it with hot liquid: dissolve solids in a beaker and let the solution reach room temperature before making up the volume, because warm liquid contracts as it cools and the final volume would be wrong. Transfer the finished solution to a labelled storage bottle rather than keeping it in the flask, and rinse the flask with distilled water straight after use.

Manufacturer

ScienceLab is the business name of Jain Scientific Equipments Private Limited, a manufacturer of laboratory glassware and teaching apparatus based in Ambala, Haryana, supplying institutions and dealers in India and international markets. See the company profile for more.

Rela

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