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Product Name :

Glass Beaker

Product Code :

SLE/GB/01



Science Lab
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Description :

Glass Beaker (Product Code: SLE/GB/01) is a graduated laboratory beaker made of borosilicate glass, offered in nine capacities from 50 ml to 2000 ml. It is heat resistant and chemical resistant, can be heated directly in an open flame, and withstands the heating and cooling cycles common in chemistry work. Schools, colleges, research and quality-control laboratories use it every day for mixing, dissolving, heating and holding liquids. It belongs to the borosilicate laboratory glassware in India manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Material	Borosilicate glass
Capacities available	50 ml, 100 ml, 150 ml, 250 ml, 400 ml, 500 ml, 600 ml, 1000 ml, 2000 ml
Graduations	Graduated
Heat resistance	Heat resistant; can be heated directly in an open flame
Thermal behaviour	Withstands typical laboratory heating and cooling variations
Chemical resistance	Chemical resistant

Typical Use

In school and college practicals the beaker is the everyday vessel for preparing solutions, dissolving salts, warming liquids, running simple reactions and collecting filtrate. Smaller sizes such as 50 ml and 100 ml suit student benches and small-scale reactions, while the 1000 ml and 2000 ml sizes serve as water baths, stock containers or preparation vessels for a whole class. The graduations give a quick guide to volume while filling; for exact measurement, transfer the liquid to a measuring cylinder or volumetric flask.

Because the glass is heat and chemical resistant, the beaker handles most routine chemistry lab glassware tasks, from boiling water to holding dilute acids and alkalis. Good practice still matters: heat gradually, never heat an empty beaker, stir with a glass rod rather than a metal spatula, and lift hot beakers with tongs. Many teachers also place the beaker on a wire gauze over the burner to spread the flame evenly. Inspect each beaker for chips or star cracks before heating and set aside any damaged piece.

Manufacturer

Jain Scientific Equipments Private Limited, the company behind the ScienceLab brand, manufactures laboratory glassware and teaching apparatus in Ambala, Haryana. Its glass beakers go to schools, colleges, laboratories and distributors across India and international markets. Learn more about the company on our profile page.

Related Laboratory Equipment

These