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Product Name :

Round Bottom Flask With Two Neck

Product Code :

SLE/GFL/15



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Description :

Round Bottom Flask With Two Neck (Product Code: SLE/GFL/15) is a graduated borosilicate flask with two necks finished as standard taper joints, so a condenser and a second fitting — a thermometer, dropping funnel or gas inlet — can be connected at the same time without corks. It is the working vessel for reflux reactions, controlled additions and distillations where the temperature of the contents must be watched. Chemistry departments, pharmacy colleges and research labs buy it from **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, alongside the rest of their borosilicate laboratory glassware.

Specifications

Parameter	Detail
Material	Borosilicate glass
Flask type	Round bottom, with two necks
Joints	Standard taper joints
Capacities	50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, 2000 ml
Resistance	Heat resistant and chemical resistant
Markings	Graduated
Used in	Chemical laboratories

Typical Use

A typical set-up places the flask in a heating mantle, fits a Liebig condenser or reflux condenser to one neck and uses the other for a thermometer that dips into the reaction mixture, or for a dropping funnel that feeds in a reagent while the mixture refluxes. Because the connections are ground-glass standard taper joints, the assembly is sealed against vapour leaks and can be taken apart and rebuilt quickly between practical sessions.

The six capacities let a department standardise on one design: 50 ml and 100 ml flasks for student preparations, 250 ml and 500 ml for routine synthesis, and 1000 ml or 2000 ml for demonstrations and scale-up. Apply a thin film of joint grease or use a PTFE sleeve to stop joints seizing, clamp the flask at the neck carrying the condenser, and never heat the apparatus as a closed system.

Manufacturer

The flask is manufactured by **Jain Scientific Equipments Private Limited**, trading as **ScienceLab**, an Ambala, Haryana company making glassware and laboratory apparatus. For institutional buyers completing vendor registration, the company's GSTIN is 06AAECJ8618A1ZT and its LEI is 3358004HRD1JIVXKYX49. Read more on our company profile.

Related Laboratory Equipment

Items