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Product Name :

Separatory Funnel

Product Code :

SLE/GF/06



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Description :

Separatory Funnel (Product Code: SLE/GF/06) is a 250 ml funnel with a ground-glass stopcock, used to separate two liquids that do not mix and to carry out solvent extractions in inorganic and organic chemistry. School chemistry teachers, college practical labs and research benches relyon it whenever one liquid layer has to be drawn off cleanly from another. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of a borosilicate glasswarerange made in India for institutional buyers at home and abroad.

Specifications

Parameter	Detail
Material	High-quality borosilicate glass
Capacity	250 ml
Overall length	340 mm
Outside diameter	55 mm
Stopcock	Ground-glass stopcock
Stopper	24/29 ground-glass stopper
Connection finish	24/29 standard taper joints, designed for use with other ground-glass joint glassware
Thermal behaviour	Withstands the heating and cooling variations common in chemistry processes

Typical Use

For a liquid–liquid extraction, close the stopcock, pour in the mixture and the extracting solvent, and seat the 24/29 stopper. Invert the funnel, shake gently and vent through the opened stopcock (pointed away from people) to release built-up vapour, then stand it upright in a ring or holder until two sharp layers form. Run the lower layer out through the stopcock into a flask, and pour the upper layer out through the neck so the two do not remix. Common practicals include separating an oil from water, moving iodine from an aqueous solution into a non-polar solvent, and washing crude organic products during synthesis experiments.

Because its connections follow the 24/29 standard taper, the funnel can also be joined to other ground-glass joint glassware of the same size, for example to add a liquid slowly into a reaction flask. Keep the stopper matched to this funnel, never leave a stoppered funnel close to a heat source, and store it with the stopper removed so the joint does not seize. Used this way it is a dependable item of chemistry lab glassware in India’s school and college laboratories.

Manufacturer

Jain Scientific Equipments Private Limited is the company behind the ScienceLab name. From its base in Ambala, Haryana, it produces laboratory glassware and teaching apparatus for schools, colleg n the c

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