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Product Name :

Pear Shaped Flask

Product Code :

SLE/GFL/09



Science Lab

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Description :

Pear Shaped Flask (Product Code: SLE/GFL/09) is a borosilicate glass flask with a tapering, pear-shaped body that lets a distillation be continued until only a small bulk of liquid is left in the flask. Working down to that small volume reduces losses from thermal decomposition, which makes the flask well suited to semi-micro distillations in college, university and researchchemistry labs. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, as one of the specialised pieces of chemistry lab glassware in its flask range.

Specifications

Parameter	Detail
Material	Borosilicate glass, for chemical resistance and thermal performance
Shape	Pear shaped body
Capacities	50 ml, 100 ml, 250 ml, 500 ml
Resistance	Heat resistant and chemical resistant
Markings	Graduated
Suited to	Semi-micro distillations; distilling down to a small bulk
Used in	Chemical laboratories

Typical Use

The flask comes into its own when the quantity being distilled is small — purifying a few millilitres of a synthesised liquid in an organic chemistry practical, or recovering a solvent from a small extract. As the level falls, the remaining liquid collects in the narrow lower part of the pear instead of spreading into a thin film across a wide base, so the last portion can still be distilled rather than overheated. Like other borosilicate laboratory glassware, it copes with the repeated heating and cooling of routine lab work.

The 50 ml and 100 ml sizes are the usual choice for semi-micro work, while the 250 ml and 500 ml flasks handle larger crude batches that will later be reduced. Heat in a water or oil bath for even warming of the tapered base, clamp the flask by its neck, and stop before the flask boils dry. The graduations give a quick visual check of the volume remaining.

Manufacturer

ScienceLab is the trading name of **Jain Scientific Equipments Private Limited**, an Ambala, Haryana company that makes glassware and apparatus for teaching and analytical laboratories. Read about the company, its location and product lines on our company profile.

Related Laboratory Equipment

Useful companions for small-scale distillation with this flask:

- or a

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