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Product Name :

Pear Shaped Flask with Two Neck

Product Code :

SLE/GFL/12



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Description :

Pear Shaped Flask with Two Neck (Product Code: SLE/GFL/12) is a small borosilicate reaction flask with a 14/23 centre joint and a second neck set at 25° to the side. The centre neck typically carries a condenser while the angled side neck takes a thermometer, an addition funnel or a gas inlet, which makes the flask practical for microscale synthesis and small reflux or distillation runs in college and research chemistry labs. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Material	Borosilicate glass
Design	Pear shaped body with centre neck and one side neck
Side neck angle	25°
50 mL size	Centre joint 14/23; overall height 100 mm
100 mL size	Centre joint 14/23; overall height 100 mm
Side socket size	Not stated in the current listing — confirmed on enquiry
Resistance	Heat resistant and chemical resistant
Used in	Chemical laboratories

Typical Use

A common arrangement is to fit a reflux condenser to the 14/23 centre neck and use the side neck to monitor the reaction temperature or to add a reagent drop by drop while the mixture boils gently. Because the side neck leans out at 25°, the thermometer or funnel stays clear of the condenser and clamps above it. Pear-shaped flasks are generally preferred for small charges, as the tapered base keeps a few millilitres of liquid together instead of spreading it thinly over a wide bottom.

Pick the 50 mL flask for microscale student preparations and the 100 mL flask when a little more working volume is needed. Heat in a water or oil bath rather than over a direct flame, support the flask by the centre neck, and make sure the apparatus is always open to the air through the condenser — never heat a sealed system.

Manufacturer

Jain Scientific Equipments Private Limited makes this two-neck flask and markets it under the **ScienceLab** name. The company is located in Ambala, Haryana, and its glassware reaches teaching and research laboratories in India and international markets. See the company profile for more about us.

Related Laboratory Equipment

Glass

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