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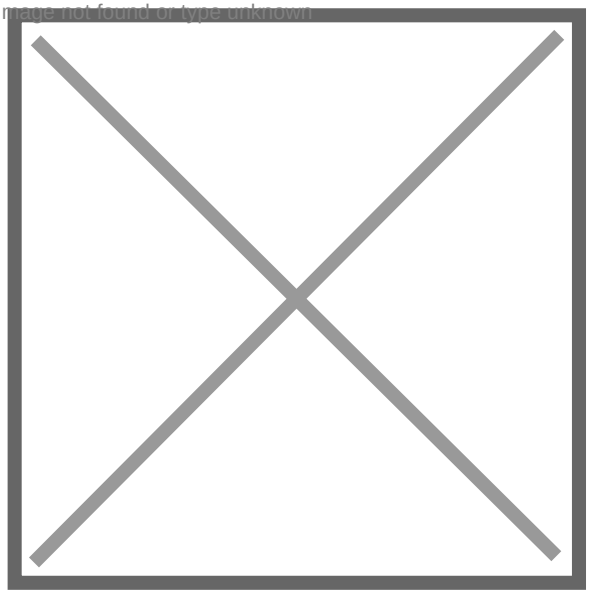
Product Name :

Round Bottom Pot (Spherical Balloons) 1000ml

Product Code :

SCI-209/74

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Science Lab

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Description :

Round Bottom Pot (Spherical Balloons) 1000ml (Product Code: SCI-209/74) is a 1000 ml round bottom flask of borosilicate glass used to boil, reflux and distil larger volumes of liquid in chemistry laboratories. College labs use this one-litre size for distillation set-ups; it has a long neck (listed as “with long mouth”) and transparent glass listed as chemical and heat resistant. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of round bottom flasks in India, at its own Ambala factory.

Specifications

Parameter	Detail
Type	Round bottom (spherical) flask
Capacity	1000 ml (1 litre)
Material	Borosilicate glass
Neck	Long neck (catalogue wording: “with long mouth”)
Colour	Transparent
Chemical resistance	Chemical resistant
Heat resistance	Heat resistant
Product code	SCI-209/74
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a 1000 ml Round Bottom Flask Used For?

The one-litre round bottom flask is the boiling vessel in simple distillation of water or solvent mixtures, the reaction flask under a reflux condenser in organic preparations, and a steam generator in steam-distillation demonstrations. Its curved base takes heat evenly from a heating mantle or a sand or water bath, and the long neck carries a stopper, adapter or condenser clear of the hot liquid.

A round bottom flask cannot stand on its own, so clamp it by the neck to a retort stand or rest it in a cork ring. When boiling, fill it no more than about half full, add anti-bumping granules, and raise the heat gradually rather than applying a strong flame to a cold flask.

What to Specify When Ordering

- Capacity: this code is the 1000 ml size; smaller round bottom flasks have separate codes
- Quantity per distillation or reflux station
- Heating method, so a matching heating mantle can be quoted if needed
- Clamps, condensers and stoppers to complete the set-up

OEM Manufacturer

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