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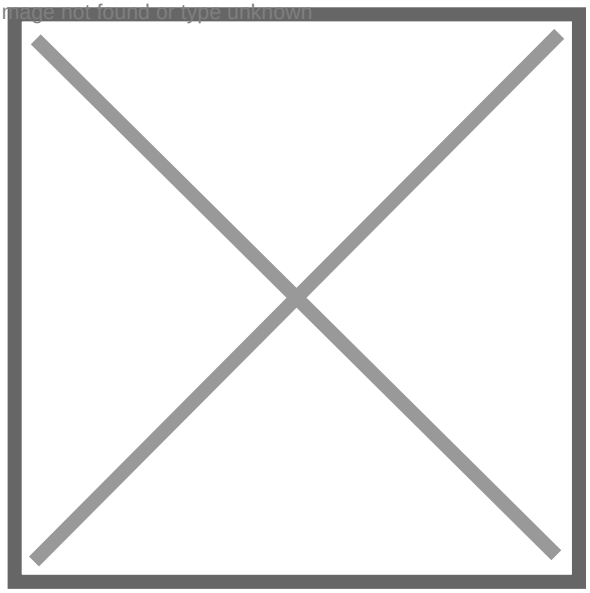
Product Name :

Distillation Pot with Side Tube

Product Code :

SCI-633/092

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Description :

Distillation Pot with Side Tube (Product Code: SCI-633/092) is a 250 ml borosilicate glass distillation flask used to boil a liquid mixture and lead its vapour to a condenser in chemistry practicals. Its 175 mm side tube and narrow mouth make it the central vessel of a simple distillation set-up in schools, colleges and training labs. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of laboratory distillation apparatus in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Capacity	250 ml
Side tube length	175 mm
Mouth	Narrow
Material	Borosilicate glass
Colour	Transparent
Resistance	Chemical resistant and heat resistant
Product code	SCI-633/092
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Distillation Pot Used For?

In a simple distillation practical the pot is clamped on a retort stand over a heat source, filled only part-way with the mixture, and closed at the neck with a stopper carrying a thermometer. The 175 mm side tube is connected to a Liebig condenser, so the vapour condenses and the distillate runs into a receiver.

Typical school experiments include recovering water from a salt or ink solution and showing that a pure liquid boils at a steady temperature. As part of a laboratory distillation apparatus, the borosilicate body tolerates heating through a wire gauze and resists the liquids being distilled. Add a few anti-bumping granules before heating and never distil to dryness.

What to Specify When Ordering

- Flask: 250 ml with 175 mm side tube (code SCI-633/092).
- Condenser and tubing: whether a matching condenser and rubber tubing should be quoted too.
- Support: retort stands and clamps for each set-up.
- Quantity: the number of distillation set-ups per laboratory.

OEM Manufacturer

Jain S of the D Saha

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