Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Jolly Bulb with Gauge

Product Code :

SLE/PHY/194



Description :

Jolly Bulb with Gauge (Product Code: SLE/PHY/194) is a gas-pressure apparatus used to study how the pressure of a fixed volume of air changes with temperature in school and college physics practicals. It comprises a thin-walled spherical bulb connected to a mechanical pressure gauge, which gives instant pressure readings without the inconvenience of a manometer. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer and physics instruments supplier in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Bulb	Thin-walled spherical bulb
Gauge	Mechanical pressure gauge connected to the bulb
Advantage	Instant pressure readings, avoiding the inconvenience of a manometer
Clamp	Not included
Product code	SLE/PHY/194
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Jolly Bulb Used For?

The bulb is clamped so that it sits fully under water in a heated bath, alongside a thermometer. As the water is warmed in stages, students wait for each temperature to settle and read the pressure straight off the gauge. A graph of pressure against temperature gives a straight line, and extending it back to zero pressure gives an estimate of absolute zero — the classic pressure law practical.

Because there are no liquid columns to balance, readings are quicker than with a manometer, which suits large classes using physics lab instruments in India. Keep the bulb clear of the bottom of the heated vessel, stir the bath before each reading, and handle the thin-walled bulb gently without over-tightening the clamp.

What to Specify When Ordering

- A retort stand and clamp, since the clamp is not included.
- A beaker for the water bath and a thermometer, if your lab needs them.
- Number of Jolly bulb sets for your practical groups.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of the Jolly bulb with gauge and makes it at its own licensed factory at Saha, Ambala, Haryana. Schools, colleges, dealers and importers in India and international mark

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