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Product Name :

Open Manometer

Product Code :

SLE/CH/75



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Description :

The **Open Manometer** (Product Code: SLE/CH/75) is a borosilicate glass manometer tube with a long 50 cm arm and a funnel top, offered as the replacement tube for an open-type manometer. It turns an invisible pressure difference into a visible difference in liquid level, which is why teachers in school and college laboratories use it for practicals on gas and liquid pressure. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its chemistry lab equipment in India for schools, colleges and distributors.

Specifications

Parameter	Detail
Type	Open manometer tube (replacement tube for the Open Manometer)
Material	Borosilicate glass
Arm length	50 cm (19.7 in)
Top end	Funnel top for filling the manometric liquid
Supplied as	Glass tube; a stand, scale or tubing is not listed as included

Typical Use

An open manometer compares a pressure with the atmosphere: one side is connected to the source under test while the other stays open to the air, and the gap between the two liquid levels shows how far the pressure is above or below atmospheric. The funnel top lets students pour in the liquid without spilling, and the 50 cm arm leaves enough height for a level difference that the whole class can read during demonstrations of gas supply pressure, breath pressure or pressure below a liquid surface.

For a steady reading, clamp the tube upright on a retort stand, tint the water with a few drops of food colouring, and connect the source with a short length of rubber tubing. Borosilicate laboratory glassware is chosen for its resistance to common laboratory chemicals and repeated washing; rinse the tube after each session and store it with the long arm supported so it cannot be knocked or bent under its own weight.

Manufacturer

This tube is produced by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** and is based in Ambala, Haryana, India. The company makes laboratory glassware and teaching apparatus for educational institutions and distributors; read more on the company profile page.

Related Laboratory Equipment

Items usually set up alongside an open manometer for pressure demonstrations:

- Manometer, Glass — a complete glass manometer for physics pressure measurement
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- nder
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