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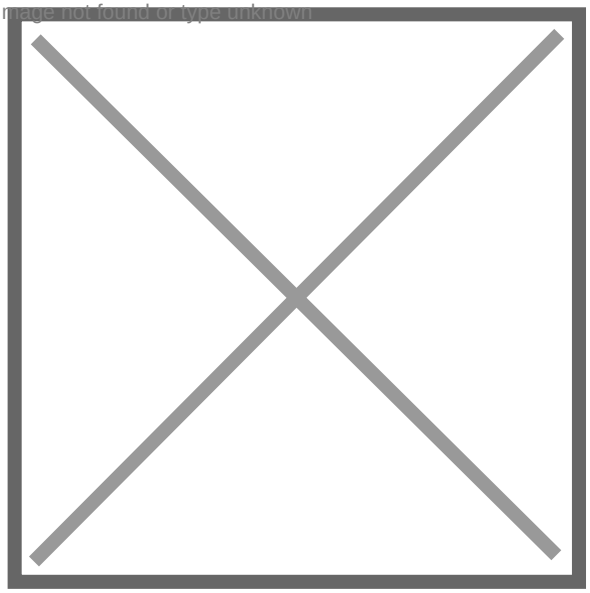
Product Name :

Fortin Barometer

Product Code :

SCL-268/032

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Description :

Fortin Barometer (Product Code: SCL-268/032) is a mercury barometer used to measure atmospheric pressure precisely in school and college physics laboratories. Before each reading the mercury in the cistern is set to a fixed zero called the fiducial point, and the column height is then read on a clear linear scale with a vernier, which makes it a classic teaching item among physics lab instruments. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Fortin barometer (mercury column with cistern reservoir)
Mounting	Vertically mounted, on a wall or suitable pillar
Valve	Stop cock
Zero setting	Mercury level at the bottom of the cistern adjusted to the scale zero (fiducial point) before each reading
Reading	Clear, easy-to-read linear scale with vernier adjustment
Tube	Air evacuated from the top of the mercury tube; lower end fixed in the cistern reservoir
Transport	Carry flat or upside down only
Product code	SCL-268/032
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Fortin Barometer Used For?

A Fortin Barometer shows atmospheric pressure as the height of a mercury column. Because the space above the column has been emptied of air, only the pressure of the atmosphere on the cistern holds the mercury up, which makes it an effective way to teach Torricelli's principle. Labs also use the day's reading when working on gas-law practicals or correcting boiling-point measurements taken with a hypsometer.

To take a reading, turn the adjusting screw until the mercury surface in the cistern just meets the fiducial point, then set the vernier to the top of the mercury column at eye level and add the vernier reading to the main scale value. Note the room temperature with each reading, as precise barometer readings are normally corrected for it. Mount the instrument where students cannot knock it, and follow your institution's mercury-handling rules for any spill.

OEM Manufacturer

Jain Scientific Equipments Private Limited, known by its ScienceLab brand, is the OEM (origi
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handl e
same

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