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Product Name :

Aneroid Barometer

Product Code :

SCL1544/017



Description :

Aneroid Barometer (Product Code: SCL1544/017) measures atmospheric pressure without any liquid column: a sealed brass barometric box flexes as the air pressure rises or falls, and that movement drives an indicator across the scale of a plastic cylindrical body. Physics, geography and environmental-science teachers use it for weather lessons and to show students how pressure is read in both mm Hg and pascals. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a scientific instruments manufacturer in India that builds physics lab instruments for schools, colleges and training institutes.

Specifications

Parameter	Detail
Instrument type	Aneroid barometer with indicator
Body	Plastic, cylindrical
Pressure-sensingelement	Brass barometric box
Longitudinal dimension	150 mm (brass barometric box)
Measuring range	700–800 mm Hg
Scale units	mm Hg, with an additional scale graduated inpascals

Typical Use

In a classroom the barometer is usually placed where students can read it at the same time every day, building a pressure log they compare with the weather they observe; a reading that keeps falling over a day or two is a good starting point for discussing approaching rain or wind. Because the dial carries both mm Hg and pascals, every reading also becomes a unit-conversion exercise that links the traditional mercury-based unit with the SI unit used in textbooks.

Keep the instrument upright on a steady shelf, away from heaters, sunny windows and air-conditioning vents, because rapid temperature changes can disturb the reading, and give the case a light tap before reading so the indicator settles. Schools setting up physics lab equipment for school labs in India often keep an aneroid unit beside a mercury Fortin barometer, so learners can compare two different measuring principles side by side.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is based in Ambala, Haryana, and makes teaching apparatus for school, college and technical-institute laboratories; the company profile gives background on the business. The company is a registered MSME enterprise (Udyam UDYAM-HR-01-0003714), and its export consignments move under Importer-Exporter Code AAECJ8618A issued by the DGFT.

Related Lab Equipment

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