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Product Name :

Analogue Ammeter AC

Product Code :

SCL1296/029



Description :

Analogue Ammeter AC (Product Code: SCL1296/029) is a bench meter for alternating current, reading from 0 to 2 A in 0.1 A divisions. Its pointer rests at a left-hand zero that can be trimmed with the zero-position adjustment, and it is housed in a stationary 100 x 100 x 140 mm case. Physics teachers use it where DC meters cannot be used — in transformer, AC motor and mains-derived low-voltage circuits — so students can measure current in AC circuits experiment kit activities with the same kind of analogue display they know from DC work. This AC meter comes from **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Current type	Alternating current (AC)
Measuring range	0–2 A
Scale division	0.1 A
Zero position	Left zero indicator, with zero-position adjustment
Construction	Stationary (bench) instrument
Dimensions	100 x 100 x 140 mm

Typical Use

In a transformer lesson the meter is placed in series with the primary or secondary winding so students can compare the currents on each side and relate them to the turns ratio. It also measures the current drawn by a lamp or a small AC motor running from a low-voltage AC supply, and, with an AC voltmeter across the same load, allows a simple estimate of apparent power. Because there is no polarity to observe on AC, connections are straightforward, but the meter must still be wired in series and never directly across the supply.

Keep circuit currents inside the 2 A full-scale value; if the load is unknown, begin with a high-resistance setting and increase the current gradually. Always use a low-voltage AC source from a proper school supply rather than mains directly. Check the zero before each session and store the meter flat in a dry cupboard. Schools equipping an electromagnetic kit for school labs in India often buy it together with the matching AC voltmeter.

Manufacturer

Behind the ScienceLab name is Jain Scientific Equipments Private Limited, an Ambala, Haryana company making teaching and laboratory apparatus; its details are on the company profile. It is registered as an MSME with Udyam number UDYAM-HR-01-0003714, and overseas orders are shipped under its DGFT Importer-Exporter Code, AAECJ8618A.

Related Lab Equipment

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