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

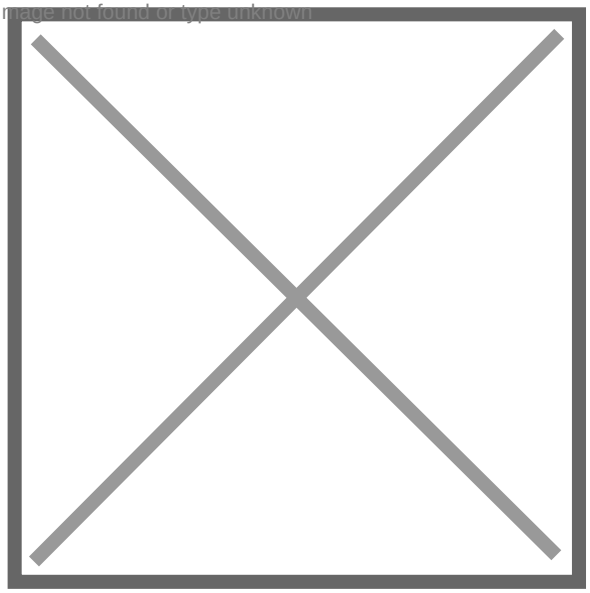
Product Name :

Ammeter

Product Code :

SCL-371/084

Image not found or type unknown



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

Description :

Ammeter (Product Code: SCL-371/084) is a moving-coil DC ammeter with a 0–5 A range used to measure the current flowing in circuits during school and college physics practicals. It stands on a square-based desk stand with lock-type terminals and is specified to an accuracy of ±2.0% of full-scale deflection. The Ammeter is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Movement	Moving coil
Current type	DC
Range	0–5 A
Accuracy	±2.0% of full-scale deflection (F.S.D.)
Terminals	Lock-type terminals
Mounting	Desk stand on a square-shaped base
Product code	SCL-371/084
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Moving Coil Ammeter Used For?

The ammeter is placed in series in a circuit so that the whole current passes through it, which makes it essential for Ohm's law, series and parallel resistance and rheostat current-control experiments. Its 0–5 A range handles the larger currents drawn by low-resistance circuits, while a milliammeter is the better choice for very small currents.

As a staple of physics lab equipment for schools in India, it should be wired with its positive terminal towards the positive side of the supply and never connected straight across a cell. Because the ±2.0% accuracy is quoted on full scale, readings in the upper part of the dial are proportionally more precise, so adjust the rheostat to bring the needle well up the scale.

What to Specify When Ordering

- That a 0–5 A DC range suits your experiments, or whether a milliammeter is also needed.
- The number of ammeters required for your workbenches.
- Any matching voltmeters, rheostats, keys or leads to include in the same quotation.

OEM Manufacturer

ScienceLab is the brand of Jain Scientific Equipments Private Limited, and this Ammeter is one of the meters the company builds itself, as OEM, at its factory in Saha, Ambala, Haryana, India. Mete out repla are on th

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