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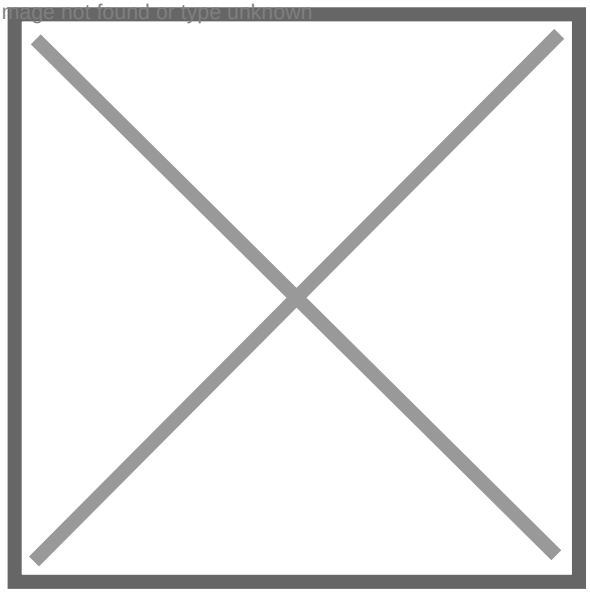
Product Name :

Leclanche Cell

Product Code :

SCL-376/087

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Description :

Leclanche Cell (Product Code: SCL-376/087) is a primary cell apparatus used to provide and study a chemical source of EMF in school and college physics practicals. It consists of a zinc rod of 12.5 mm diameter and a charged porous pot of 150 x 60 mm (height x diameter) withterminals, giving an EMF of about 1.4 V. The cell is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Cell type	Leclanche cell (primary cell)
Zinc rod diameter	12.5 mm
Porous pot	Charged, 150 x 60 mm (height x diameter)
Terminals	Provided
EMF	About 1.4 V
Product code	SCL-376/087
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Leclanche Cell Used For?

The Leclanche cell is a standard item of physics practical equipment for CBSE and state-board labs, where students compare its EMF with that of a Daniell cell on a potentiometer. It also shows how a classic wet primary cell works: the zinc rod forms the negative electrode, while the charged porous pot holds the positive electrode and its depolarising mixture.

To set it up, the zinc rod and porous pot are placed in the cell's electrolyte and connected by their terminals. A Leclanche cell polarises if it supplies current for long periods, so it suits intermittent use — close the circuit with a key only while taking readings, and let the cell rest between trials.

What to Specify When Ordering

- The number of Leclanche cells needed for your practical groups.
- Whether you also need an outer container and ammonium chloride for the electrolyte.
- Any companion cell and potentiometer for EMF-comparison experiments.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM of this Leclanche Cell and makes it at its own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, dealers and importers buy it direct from the manufacturer, and repeat orders or replacement zinc rods and porous pots can be discussed with us directly. For vendor registration, the company's detail[illegible] comp[illegible]

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