Email : sales@scilabexport.com
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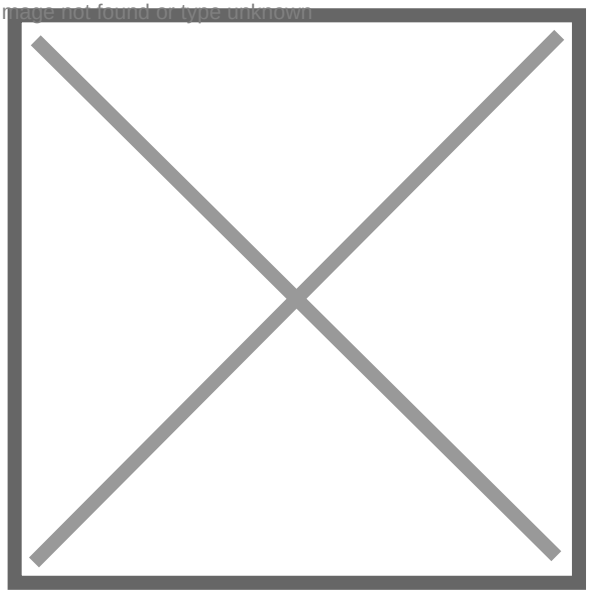
Product Name :

Apparatus for Studying the Production of Electricity by Induction

Product Code :

SCL-239/031

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Description :

Apparatus for Studying the Production of Electricity by Induction (Product Code: SCL-239/031) is an electromagnetic induction kit used to show how a changing magnetic field produces an electric current in a conductor during school and college physics lessons. Its current listing specifies the connecting leads: two red-and-blue pairs 100 cm long and two red-and-blue pairs 50 cm long. The apparatus is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Long connecting leads	2 pairs, 100 cm long, red and blue (listed as guide threads)
Short connecting leads	2 pairs, 50 cm long, red and blue (listed as guide strands)
Lead cross-section (as listed)	4 mm
Other components	Not itemised in the current listing — ask us for the full contents list before ordering
Product code	SCL-239/031
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Electricity by Induction Apparatus Used For?

The apparatus supports lessons on Faraday's law: an EMF appears in a conductor whenever the magnetic flux through it changes. In a typical classroom sequence, a magnet is pushed into and pulled out of a coil connected to a sensitive meter, and students note that the meter deflects only while there is relative motion, that faster motion gives a larger deflection, and that reversing the motion or the magnet's pole reverses the current, as Lenz's law predicts.

The two lead lengths help with a tidy layout: short 50 cm leads keep the circuit compact, while 100 cm leads let the meter sit farther from the moving magnet so its reading is not disturbed by the magnet's field. Because the listing itemises only the leads, confirm with us which coil, magnet and meter your set will include. It suits physics lab equipment for school electromagnetism practicals and teacher demonstrations alike.

What to Specify When Ordering

- The components you expect in the set (for example coil, magnet and meter), so the quotation matches your experiment plan.
- Number of sets required per laboratory or class.
- Any extra 100 cm or 50 cm red and blue leads for additional student groups.

OEM Manufacturer

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produ
schoo

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