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Product Name :

Demountable Transformer Accessory Set No. 2

Product Code :

SLE/PHY/154



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Description :

Demountable Transformer Accessory Set No. 2 (Product Code: SLE/PHY/154) is a Lenz's law accessory for a demountable transformer, used to demonstrate the production of large magnetic fields and Lenz's law damping in school and college physics labs. Its pendulums with and without slits let students compare how induced currents slow a swinging conductor. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Type	Lenz's law transformer accessory
Demonstrates	Production of large magnetic fields; Lenz's law damping
Pendulums	With and without slits
Used with	A demountable transformer
Product code	SLE/PHY/154
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Transformer Accessory Set No. 2 Used For?

The set turns Lenz's law from a rule in a textbook into motion students can watch. With the demountable transformer set up to produce a strong magnetic field, a metal pendulum is allowed to swing through it; currents induced in the metal oppose the motion, so a pendulum without slits is brought to rest very quickly. A pendulum with slits breaks up the paths those induced currents can take, so it swings much more freely, and the contrast makes the principle obvious.

Teachers use the demonstration to explain eddy currents and real applications such as magnetic braking and the damping of moving parts in meters. Keep watches, phones and loose steel items away from the strong field, and energise the coil only for as long as the demonstration needs. It is a natural extension of a transformer experiment kit for senior school and college electromagnetic induction lessons.

What to Specify When Ordering

- Whether you already have a demountable transformer core and coils, or need the Demountable Transformer Kit quoted as well.
- The set number — No. 2 is the Lenz's law pendulum set; Accessory Set No. 1 is a separate product.
- Number of sets required for demonstration benches or student groups.
- Whether a low-voltage supply for energising the coils should be included.

OEM Manufacturer

Jain S ginal equip at its ow

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