Email : sales@scilabexport.com
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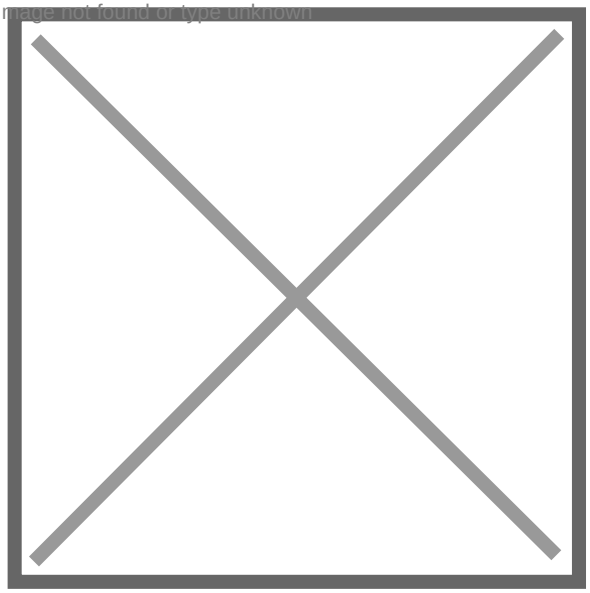
Product Name :

Resistance Box 1-5000 Ohm Range

Product Code :

SCL-347/072

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Description :

Resistance Box 1-5000 Ohm Range (Product Code: SCL-347/072) is a brass plug-type resistance box used to add known resistances of up to 5000 ohm to circuits in college and senior school physics laboratories. Its wider range suits galvanometer and voltmeter-conversion practicals where a lower-range box is not enough, with constantan coils housed in a teak wood case. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer and physics instruments supplier in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Range	1 to 5000 ohm
Type	Plug type, with brass plugs
Resistance coils	Constantan
Contact blocks	Brass, 1/2 inch
Housing	Teak wood case, deluxe quality
Product code	SCL-347/072
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the 5000 Ohm Resistance Box Used For?

The higher range is useful when a galvanometer must be converted into a voltmeter, which needs a large resistance in series with its coil, and when finding a galvanometer's resistance and figure of merit by the half-deflection method. It also serves as the known arm in bridge circuits and as a current limiter in potentiometer set-ups.

To set a value, remove the plugs whose coils add up to the resistance you need and leave the rest firmly seated. Start experiments with a high value unplugged and reduce it gradually, which protects sensitive meters from sudden large currents. It is a useful addition to the physics lab instruments in any senior practical room.

What to Specify When Ordering

- Confirm that the 1 to 5000 ohm range suits your experiments; a lower-range Resistance Box is also available.
- Quantity required per laboratory.
- Companion galvanometers, keys or potentiometers to be quoted together.

OEM Manufacturer

Jain Scientific Equipments Private Limited, whose products carry the ScienceLab name, is the original equipment manufacturer of this 1-5000 ohm resistance box. It is made at the company's own l
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