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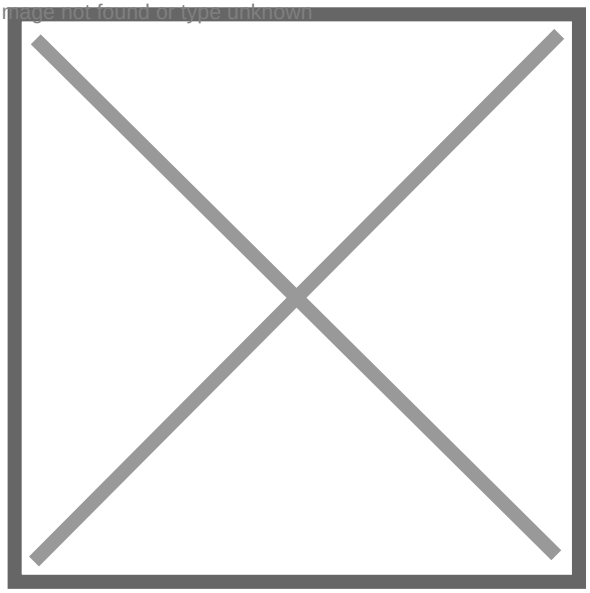
Product Name :

Rheostat 30 Ohm

Product Code :

SCL-349/073

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Description :

Rheostat 30 Ohm (Product Code: SCL-349/073) is a sliding-contact variable resistor used to control current or divide voltage in school and college physics circuits. With a total resistance of30 ohm, it suits low-resistance circuits where current must be adjusted in fine steps, and its three terminals let it work as either a rheostat or a potentiometer. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Total resistance	30 ohm
Sliding contact	Double contact system on a contact block that moves smoothly along the sliding rod
Guide rod	Brass guide rod carrying the contact block, tightened with a brass screw
Terminals	Three lock-type brass socket terminals with insulation
Connections	One terminal to the sliding contact, two to the ends of the winding
Markings	Total resistance and maximum current capacity marked on theslider
Product code	SCL-349/073
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the 30 Ohm Rheostat Used For?

Connected through one end terminal and the slider terminal, it acts as a variable resistor that sets the current in experiments such as Ohm's law, meter bridge and ammeter calibration. Connected across a supply using both end terminals, with the output taken from the slider, it becomes a potential divider that gives a smoothly variable voltage.

A 30 ohm winding changes resistance in small increments, so it is well matched to low-voltage cell circuits and to the driver circuit of a wire potentiometer. Check the maximum current marked on the slider before connecting, start with the slider at the high-resistance end, and move it gradually. It is a practical rheostat for lab benches in schools and colleges.

What to Specify When Ordering

- Resistance value: this model is 30 ohm; a separate Rheostat model is also listed.
- The current your circuit needs, so it can be checked against the rating marked on the slider.
- Quantity per laboratory.

OEM Manufacturer

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