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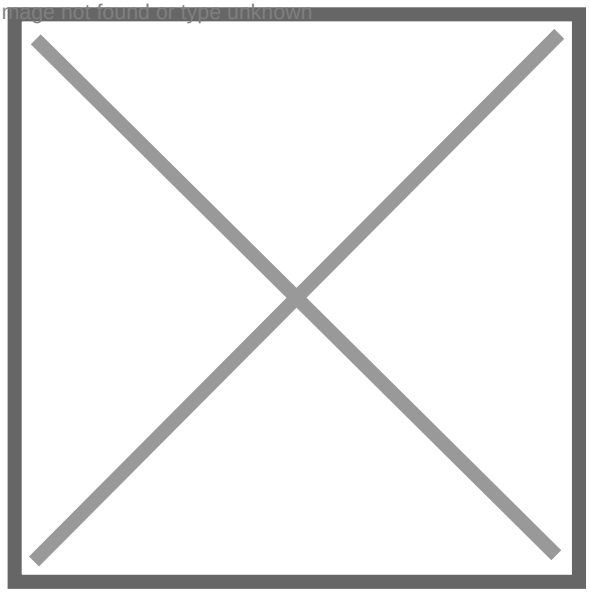
Product Name :

Rheostat

Product Code :

SCL-351/074

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Description :

Rheostat (Product Code: SCL-351/074) is a 50 ohm sliding-contact variable resistor used to regulate current and set voltages in physics laboratory circuits at schools and colleges. Its higher total resistance gives a wider adjustment range than low-value models, useful when a supplymust be held back to a small current, and it can be wired as a rheostat or a potential divider. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Capacity	50 ohm total resistance
Terminals	Three lock-type brass socket terminals, properly insulated
Terminal arrangement	Sliding contact on one terminal; winding ends on the other two
Slider	Double contact system on a contact block that moves smoothly on the sliding rod
Guide rod	Brass, secured with a brass screw
Rating label	Total resistance and maximum current capacity marked on the slider
Product code	SCL-351/074
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the 50 Ohm Rheostat Used For?

Teachers use it to limit and vary current in circuits for verifying Ohm's law, studying the heating effect of current, and plotting the characteristics of components such as resistors and bulbs. Wired as a potential divider, it provides a variable voltage from a fixed supply for voltmeter and potentiometer work.

With 50 ohm available, the slider can bring the current well down before the circuit is switched on, which is kinder to meters with small ranges. Check the maximum current marked on the slider, never set the slider to the zero-resistance end while the supply is on, and keep the terminals tight. It is a dependable laboratory rheostat for general current-electricity practicals.

What to Specify When Ordering

- Resistance value: this model is 50 ohm; the Rheostat 30 Ohm is also listed.
- The maximum current your circuit needs, to compare with the rating marked on the slider.
- Quantity required for your laboratory.

OEM Manufacturer

Jain S n
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