Email : sales@scilabexport.com
Phone: +91-7082934803

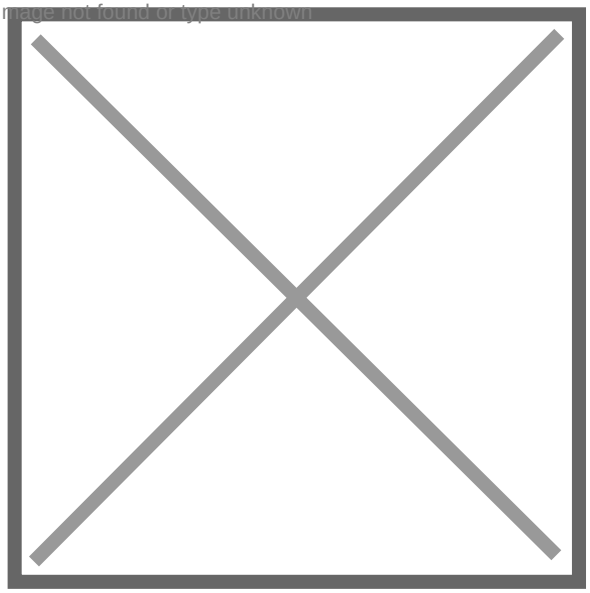
Product Name :

jockey

Product Code :

SCL-374/086

Image not found or type unknown



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

jockey (Product Code: SCL-374/086) is a pencil-type sliding contact used to locate the balance point along the wire in Wheatstone bridge and potentiometer experiments in physics laboratories. Students hold it by its insulated handle and touch its plated brass contact to the wire, while a plated brass terminal with a 4 mm socket links it to the galvanometer. The jockey is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Pencil jockey (sliding contact)
Handle	Insulated
Contact	Plated brass
Terminal	Plated brass, with 4 mm socket
Used in	Wheatstone bridge and potentiometer experiments
Product code	SCL-374/086
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Pencil Jockey Used For?

On a meter bridge or Wheatstone bridge, the jockey is connected through the galvanometer and tapped at points along the bridge wire until the galvanometer shows no deflection; that null point gives the balancing length used to calculate an unknown resistance. On a potentiometer, the same technique finds the balancing lengths for comparing the EMFs of two cells or measuring a cell's internal resistance.

This makes the jockey an essential accessory for meter bridge lab work in India and for every potentiometer practical. Press it gently and briefly, lift it, then move to the next point — dragging a pressed jockey scrapes the wire and changes its resistance per unit length. Hold it only by the insulated handle and keep the brass tip clean for a reliable contact.

What to Specify When Ordering

- The number of jockeys needed, usually one per bridge or potentiometer.
- That your galvanometer leads use 4 mm plugs to fit the socket terminal.
- Whether a meter bridge, potentiometer or galvanometer should be quoted with it.

OEM Manufacturer

The jockey is produced by Jain Scientific Equipments Private Limited, trading as ScienceLab, at its ow licensed factory in Saha, Ambala, Haryana, where the company is the original equipment manu rom the m direct

Email : sales@scilabexport.com
Phone: +91-7082934803