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

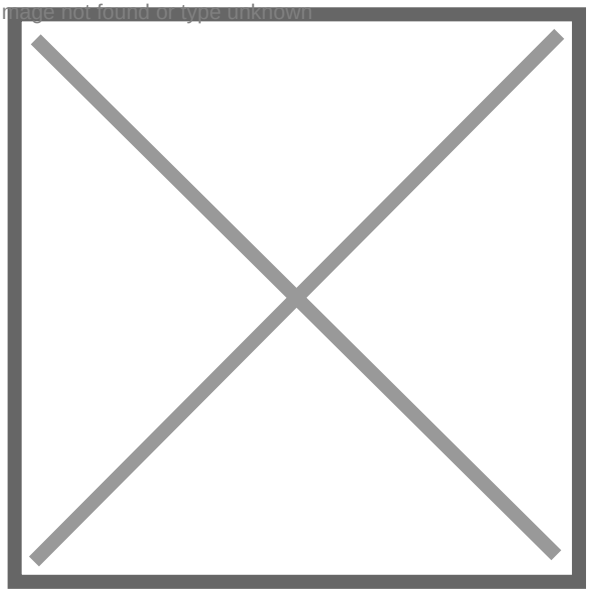
Product Name :

One Way Key

Product Code :

SCL-353/075

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Phone: +91-7082934803

Description :

One Way Key (Product Code: SCL-353/075) is a plug key used to open and close a single electric circuit in school and college physics practicals. It has two brass blocks with 4 mm terminals on a moulded plastic base, and one accurately tapered brass plug with a fluted plastic top bridges the gap between them with negligible contact resistance. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of school physics lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Blocks	2 brass blocks
Plug	1 accurately tapered brass plug with a fluted plastic top
Terminals	4 mm bakelite terminals fitted to each block
Base	Moulded plastic
Contact	Plug fits the hole between the blocks, giving negligible contact resistance
Product code	SCL-353/075
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the One Way Key Used For?

The one way key acts as the on/off switch in nearly every current-electricity practical, from Ohm's law and meter bridge circuits to potentiometer driver circuits. Inserting the plug completes the circuit; removing it breaks the circuit so that no current flows while connections are being changed.

Good practice is to insert the key only while taking a reading and remove it straight afterwards, which stops cells running down and resistance wires heating up. Give the plug a slight twist as it goes in for a firm seat, and keep the tapered surfaces clean. It is a basic item among the physics lab instruments on a student bench.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which sells under the ScienceLab name, is the OEM of this one way key and produces it at the company's own licensed factory at Saha, Ambala, Haryana, India. Plug keys are usually ordered in bench quantities, and buying factory-direct keeps supply and repeat orders straightforward; spare plugs can be requested straight from the manufacturer. The company profile explains more.

Related Physics Lab Equipment

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