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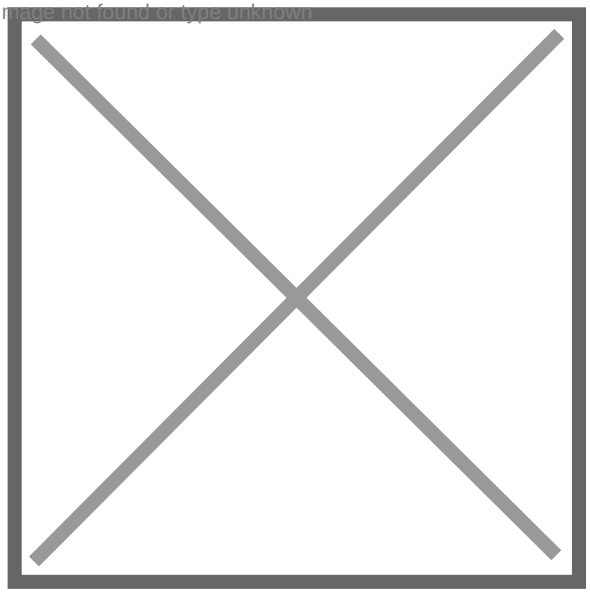
Product Name :

Circuit Board Worcester

Product Code :

SCI-1479/026

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Description :

Circuit Board Worcester (Product Code: SCI-1479/026) is a Worcester-type circuit-building kit used to assemble and test simple electric circuits quickly in school physics and general science laboratories. Clip-on phosphor-bronze strips spring over metal pillars on a baseboard, and each board comes with 18 flash lamp bulbs, lamp-holder connectors, a rheostat unit, bell pushes and wires. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Board	Baseboard with terminals and a set of metal connection pillars
Connection strips	Clip-on flexible phosphor-bronze strips that slip over the pegs and are held by their natural spring for good electrical contact
Lamps	18 flash lamp bulbs, 1.25 V
Connectors	9 connectors with lamp holder; 12 plain connectors; 1 connector with rheostat
Components	1 rectifier; 1 resistor; 2 mounted bell pushes
Leads and clips	2 flexible leads with 4 mm plug and crocodile clips; 2 flexible leadswith crocodile clips; 2 crocodile clips
Wires	1 length bare copper wire, 20 s.w.g.; 1 length bare eureka wire, 34 s.w.g.; 1 length plastic-covered wire, 0.6 mm
Other items	2 soft iron nails, 50 mm, square head; 1 hardboard disc, drilled; 4 pencil leads; 1 piece copper foil; 1 piece steel wool
Product code	SCI-1479/026
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Worcester Circuit Board Used For?

A Worcester circuit board lets a whole class build real circuits in minutes without soldering or loose wires sliding off terminals. Students flex a strip slightly, drop it over two pillars and let it spring into place, so series and parallel lamp circuits, switch circuits with the bell pushes and variable-brightness circuits with the rheostat can be set up, changed and taken apart during one lesson.

The extra materials widen the range: the eureka and copper wires compare resistance of different conductors, pencil leads show that graphite conducts, the soft iron nails and covered wire make a simple electromagnet, and the rectifier introduces one-way current flow. That breadth makes it a practical electricity experiment kit for school middle and secondary classes.

Wha