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

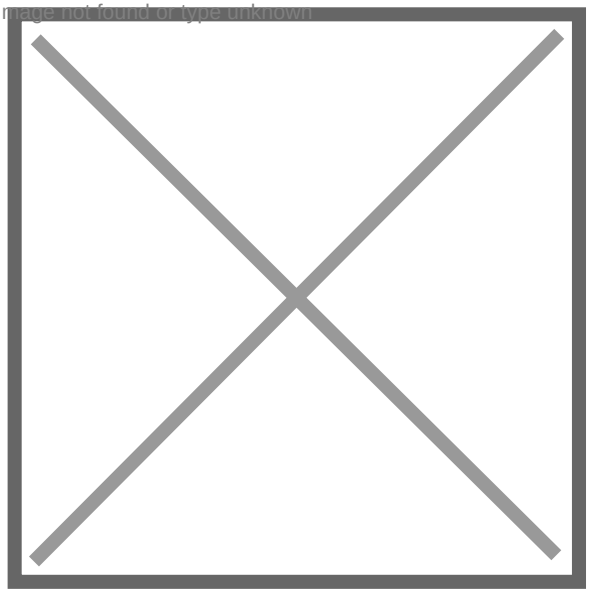
**Product Name :**

Circuit Board Worcester

**Product Code :**

SCI-1479/026

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Phone: +91-7082934803

## 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

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