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

Product Name :

Multimeter

Product Code :

SCL-658/03a





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Description :

Multimeter (Product Code: SCL-658/03a) is a digital multimeter with a rotary position selector for AC and DC voltage up to 600 V, current on 20 mA and 10 A ranges, capacitance up to 20 µF and resistance from 200 ? to 200 k?. Its 15 mm display figures are easy to read on a crowded bench, and it switches itself off automatically to save the battery. Supplied with probes and battery, it replaces a separate ammeter voltmeter school India labs would otherwise buy, and is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a manufacturer of test and measurement instruments in India.

Specifications

Parameter	Detail
Display	Figures 15 mm high, with automatic disconnection
Range selection	Position selector
Voltage	Up to 600 V, AC and DC
Current (intensity)	20 mA and 10 A, AC and DC
Capacitance	20 µF
Resistance	200 ? to 200 k?
Supplied with	Conductor with probes; battery included

Typical Use

In an Ohm law experiment kit India students assemble, the multimeter is first placed in series on the milliamp range to read current, then moved across the resistor on a DC voltage range; plotting voltage against current gives the resistance, which can be checked directly on the resistance range once the circuit is switched off. The capacitance range adds a quick check of capacitor values before charging and discharging experiments.

Good practice keeps both students and meter safe: choose the function and a range above the expected value before connecting, move the red lead to the correct socket for the 10 A range, never measure resistance or capacitance in a live circuit, and keep school practicals to low-voltage supplies. The automatic switch-off means a meter left on at the end of a lesson will not flatten its battery.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, makes and distributes electrical measuring apparatus for education from Ambala in Haryana. The company is incorporated under CIN U29309HR2020PTC087597, and its manufacturing premises in the HSIIDC Industrial Area, Saha, Ambala operate under Factory Licence AMB-ONLINE-CHD-J-414. Visit the company profile for more.

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