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

Product Name :

Advanced Digital Multimeter

Product Code :

SLE/PHY/257



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Description :

Advanced Digital Multimeter (Product Code: SLE/PHY/257) is a portable digital multimeter from a supplier of test and measurement instruments in India, used to measure DC and AC voltage, current, resistance and capacitance in physics and electronics labs. College and senior-school labs choose it for its 1000V DC and 750V AC ranges, a 2µF capacitance range, triode and diode tests and a 1999 maximum display. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as one of the digital measuring instruments it offers in India and international markets.

Specifications

Parameter	Detail
Type	Advanced portable digital multimeter
DC voltage	200mV / 2V / 20V / 200V / 1000V; accuracy ±(0.5%+1)
AC voltage	2V / 20V / 200V / 750V; accuracy ±(0.8%+3)
DC current	20µA / 200µA, 2mA / 20mA, 200mA / 10A; accuracy ±(0.8%+1)
Additional current ranges	200µA / 20mA, 200mA / 10A; accuracy ±(1%+3) — please confirm the function of these ranges with us when ordering
Resistance	200? / 2k? / 20k?, 200k? / 2M? / 200M?; accuracy ±(0.8%+1)
Capacitance	2µF; accuracy ±(4%+3)
Test functions	Diode test, triode test, on/off buzzer
Convenience features	Data hold, auto power off, low battery warning
Input resistance	?10M?
Maximum display	1999
Power supply	9V (6F22) battery
Weight	310 g
Dimensions (W × H × D)	172 × 83 × 38 mm
Product code	SLE/PHY/257
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Advanced Digital Multimeter Used For?

In a physics or electronics practical, the Advanced Digital Multimeter stands in for a separate voltmeter, ammeter and ohmmeter. Students can check the terminal voltage of a cell, the current through a resistor, the resistance of a length of wire or the value of a small capacitor with one handheld instrument. The diode and triode tests support semiconductor practicals, and the buzzer gives a quick continuity check on leads and circuit boards, which makes it a practical choic

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