



THE LAB EQUIPMENT

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Product Name :

Joulemeter / Wattmeter, Digital

Product Code :

SLE/PHY/195



Description :

The Joulemeter/Wattmeter is light, compact, and designed for class demonstration or student use.

The unit can measure energy taken up by a load, either by AC power or DC power, and from 1J to 999,999J or 1mJ to 999,999mJ and can also measure power level of 200mW to 200W. Depending on mW / mJ or W / J range, 1V full scale deflection represents 100mW or 100W respectively.

One pair of 4mm sockets is also provided to indicate the instantaneous power.

Technical Specifications :

Design: single chip microprocessor with dedicated precision analogue multiplier for power measurement.

Built-in timing function

Input Voltage: 0 to 15V AC, (0 to 21V DC), absolute maximum 35V DC, 24V AC

Input Frequency: 0 to 500Hz Maximum

Maximum current: 10A AC / DC

Accuracy: 5%, typically better than 3% at full scale.

Energy / Power Indications: 6 digits

Power Supply: 220V A.C. 50/60Hz

Dimensions: 208x155x115mm

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