

**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