



SINGLE PHASE MULTIFUNCTION METER

The **CROWN** made SINGLE PHASE MULTIFUNCTION METER is developed to make the testing Simple, Faster, Accurate and Reliable with its high performing DSP based circuitry and user friendly operational features. It is useful for various industries in Electrical Machines (like Transformers, Motors, Stabilizer), Power Electronics (like UPS, Inverter, rectifiers) and Lighting devices (CFL, Ballast, LEDs). The high speed simultaneous sampling using 24-bit ADC ensures True RMS measurement for the wide range of input Voltage and Current. This instrument displays Voltage, Current, Frequency, Active Power, Power Factor and Apparent Power simultaneously in a 7-Segment Display. The measurement is valid at all power factors and gives accurate results even in the presence of harmonics in the system. The Meter is provided with Hold facility.

(OPTIONAL):- The functionality of the meter is further enhanced with PC interfacing facility through USB Port. The accompanying software is capable of Data Logging and viewing the Meter Variables in real time on computer using the GUI provided. This Meter is provided with SD memory card facility to save up to 10000 test results with serial no. and data can be retrieve later by inserting this card to PC or Laptop.z



TECHNICAL SPECIFICATIONS

A) INPUT VOLTAGE	:	30-300 V AC (Other ranges available on request)
B) INPUT CURRENT	:	10mA-2A/50mA- 5 A/0.1-10 A (Other ranges available on request)
C) MEASUREMENT	:	True RMS
D) RESOLUTION	:	Floating Decimal Point
E) ACCURACY	:	Class 0.2 and for P.F. ± 0.005
F) DISPLAY	:	Four Rows 7- segment Display
G) AUX. SUPPLY	:	230V $\pm 20\%$

CROWN ELECTRONIC SYSTEMS

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