

## FEATURES

- Large 27mm. LCD Display.
- ACA/DCA measurement up to 999.9A
- Synchronous measurement of Inrush current (100mS) , for measuring the true starting current for motors, lighting, breaker, etc.
- With Unique Inrush Current Measurement
- Auto shut-off maximizes battery life
- Dimensions of conductor: Ø 46.5mm
- Ohm, Continuity, Capacitance and frequency input protection to 600V DC/AC rms
- Good for PWM trouble shooting and in Noisy environment measurement
- Crest factor : <=3.
- EN61010-1 approval. Over-Voltage Category III 600V
- "H" key for HOLD function, moves into peak mode after 4 seconds automatically
- Test leads, Manual, Carrying Case.

## SPECIFICATIONS:

### AC CURRENT (Accuracy : at the center of CT)

Range	Resolution	Accuracy
0 to 999.9A	0.1A	±(2.0%rdg +5dgts) on 10Hz-100Hz ±(6.0%rdg +5dgts) on 100Hz-400Hz

Overload Protection : 1000A AC max. for 1 min.

### DC CURRENT (Accuracy : at the center of CT)

Range	Resolution	Accuracy
0 to 999.9A	0.1A	±(2.0%rdg + 5dgts)

Overload Protection : 1200A DC max. for 1 min.

### AC VOLTS (10 - 400 Hz)

Range	Resolution	Accuracy
0 to 600.0V (600V)	0.1 V	± (1.0%rdg+5dgts) on 20-100Hz ± (6.0%rdg+5dgts) on 100-400Hz

Input impedance : 1MΩ

Overload Protection : 600V DC or AC rms.

### DC VOLTS

Range	Resolution	Accuracy
0 to 600.0V (600V)	0.1V	± (1.0%rdg + 5dgts)

Input Impedance : 1MΩ

Overload Protection : 600V DC or AC rms.

### RESISTANCE (Autorange)

Range	Resolution	Accuracy
0 to 999.9Ω	0.1Ω /	± (1.5%rdg + 5dgt)
1000 to 9999Ω	1 Ω	

Overload Protection : 600V DC or AC rms.



### CAPACITANCE

Range	Resolution	Accuracy
0 to 999.9μF	0.1μF	± (5.0%rdg + 10dgts)

Overload Protection : 600V DC or AC rms.

### FREQUENCY

Range	Resolution	Accuracy
10 to 400.0Hz	0.1 Hz	± (0.5%rdg + 5dgts)

Sensitivity : 5Vrms TTL signal, ≥5A @10 to 100Hz,  
10A @100 to 400Hz

Overload Protection : 600V DC or AC rms.

### TEMPERATURE (K-Type Thermocouple)

Range	Resolution	Accuracy
-40°C to 1200°C	0.1°C on -40°C to 999.9°C 1°C on 1000°C to 1200°C	± (0.5% rdg + 1°C)
-40°F to 2200°F	0.1°F on -40°F to 999.9°F 1°F on 1000°F to 2200°F	± (0.5% rdg + 2°F), (not including thermocouple error)

Overload Protection : 600V DC or AC rms.

### CONTINUITY

Audible indication less than 30Ω

Overload Protection : 600V DC or AC rms.

### DIODE TEST

Accuracy : ± (3.0% rdg + 3dgts)

Resolution : 1mV

Test current : 0.2mA

Test Voltage : <2.8V

For details see instruction manual. All specifications subject to change without prior notice.