

1.0 Scope :

The Clamp meter shall have clamp head and is intended to measure the AC/DC current and AC/DC Voltage with auto range selection.

2.0 Parameters:

- Current: AC:: 0 to 1000A & DC::0 to 500A with Resoulution:0.1A and Accuracy: $\pm 2\%$
- Voltage: AC:: 0-750 V & DC::0-1000 V with 0.1 V resolution and Accuracy: $\pm 1\%$
- Resistance: 0-50 M Ω with accuracy: $\pm 1.5\%$
- Frequency: 0-1 kHz with 0.1 Hz resolution and Accuracy: $\pm 0.5\%$
- Continuity with Buzzer sound
- Diode test with display of forward voltage value
- Capacitance: 0 to 100 mF with Accuracy of $\pm 3\%$
- Jaw opening: Shall be able to measure currents in Min. of 40 mm Dia cable
- Sampling rate: Min. of 2 times/s

3.0 Key Features :

- Min. of 4 digit LCD Display with polarity indication
- Overload protection
- Low battery indication
- Rotating measuring switch;
- HOLD/RESET and Back light buttons
- Auto power off

4.0 Operating Conditions:

- Temperature: 0-60 $^{\circ}\text{C}$
- Relative Humidity: 35-75 %

5.0 Accessories:

Operating manual and warranty card, Test and Calibration certificates, Carrying case, Measuring probes and One set of Spare battery and measuring probes.

6.0 Applicable Standards:

IEC 61010-1, IEC 61010-2-032; over-voltage standard of CAT IV 600V and CAT III 1000V.

Prepared :
Ahmed Ali

Approved :
PV Suresh Reddy

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