

DIGITAL MULTI METER

1.0 Scope :

The Electric Multi meter is intended to measure VARIOUS ELECTRICAL parameters like current AC/DC, Voltage AC/DC, Resistance, Capacitance and frequency etc., with auto range selection.

2.0 Parameters:

- Current: AC:: 0 to 10A & DC::0 to 10A with Resoulution:1 μ A to 10 mA and Accuracy: $\pm 2\%$
- Voltage: AC:: 0-1000 V & DC::0-1000 V with resolution 1 mV to 1V and Accuracy:: $\pm 1\%$
- Resistance: 0-30M Ω with a resolution of 10m Ω to 10 k Ω and accuracy: $\pm 1.5\%$
- Frequency: 0-100 kHz with 0.1-100 Hz resolution and Accuracy: $\pm 1\%$
- Continuity with Buzzer sound
- Diode test with display of forward voltage value
- Capacitance: 0 to 30 μ F with a resolution of 10 pF to 10nF and Accuracy of $\pm 3\%$
- Sampling rate: Min. of 10 readings/s

3.0 Key Features :

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

4.0 Operating Conditions:

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

5.0 Accessories:

Operating manual and warranty card, Test certificates, Carrying case, Measuring probes, 1 rubber holster with tilt stand, 1 set of Spare battery, measuring probes and fuses.

6.0 Applicable Standards:

DIN 43751, IS 13875, IEC 61010-1:2001,DIN EN 61010 part 1

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