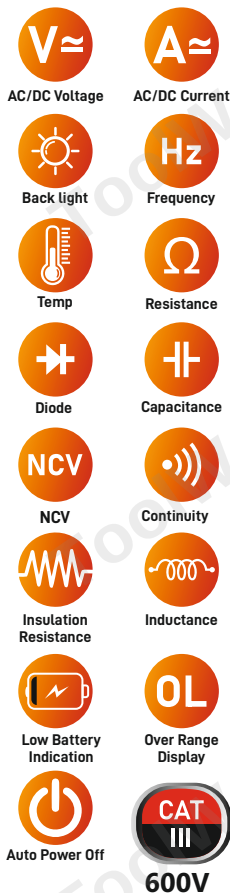


DIGITAL INSULATION MULTIMETER

DIM-1503



Performance with Precision



FEATURES :

- ☒ 3⁵/₁₀ DIGITS
- ☒ 5,999 COUNT
- ☒ TRUE RMS
- ☒ INSULATION RESISTANCE
- ☒ INDUCTANCE
- ☒ DUTY CYCLE
- ☒ DATA HOLD
- ☒ AUTO RANGE SWITCHING
- ☒ DUAL INTEGRAL A/D CONVERSION INTEGRATED CIRCUIT

- Auto Power Off after 15 Mints.
- Input Impedance : 10MΩ
- Sampling Rate: Approximately 3 times / second

DC VOLTAGE

RANGE	RESOLUTION	ACCURACY
600mV	0.1 mV	±(0.5%+5 digits)
6V	1mV	
60V	10mV	
600V	100mV	
1000V	1V	±(1.0%+5 digits)

DC CURRENT

RANGE	RESOLUTION	ACCURACY
6mA	1μA	±(1.0%+5 digits)
60mA	10μA	
600mA	100μA	
6A	1mA	
20A	10mA	±(2.0%+5 digits)

CAPACITANCE

RANGE	RESOLUTION	ACCURACY
60nF	10pF	±(2.5%+5 digits)
600nF	100pF	
6μF	1nF	
60μF	10nF	
600μF	100nF	±(5.0%+8 digits)
6mF	1μF	
60mF	10μF	

TEMPERATURE

RANGE	RESOLUTION	ACCURACY
(-40~1000)°C	<400°C± (1% +5 digits)	1°C
	≥400°C± (1% +15 digits)	
(-40~1832)°F	<750°F± (1% +5 digits)	1°F
	≥750°F± (1% +15 digits)	

AC VOLTAGE

RANGE	RESOLUTION	ACCURACY
6V	1mV	±(0.8%+10 digits)
60V	10mV	
600V	100mV	
750V	1V	

AC CURRENT

RANGE	RESOLUTION	ACCURACY
6mA	1μA	±(1.5%+5 digits)
60mA	10μA	
600mA	100μA	
6A	1mA	
20A	10mA	±(2.0%+5 digits)

RESISTANCE

RANGE	RESOLUTION	ACCURACY
600Ω	0.1Ω	±(0.8%+5 digits)
6kΩ	1Ω	
60kΩ	10Ω	
600kΩ	100Ω	±(0.8%+2 digits)
6MΩ	1kΩ	
60MΩ	10kΩ	

DIODE AND CONTINUITY TESTING

RANGE	DISPLAYED VALUE	CONDITION
→ •	Diode forward voltage drop	Forward DC current approximately 1.5mA, reverse voltage about 4V.
	When resistance value is less than 50Ω the buzzer sounds.	Open circuit voltage about 2V.

FREQUENCY

RANGE	RESOLUTION	ACCURACY
10Hz	0.001Hz	±(0.5%+4 digits)
100Hz	0.01Hz	
1000Hz	0.1Hz	
10kHz	1Hz	
100kHz	10Hz	
1MHz	100Hz	
10MHz	1kHz	

INDUCTANCE (L)

RANGE	RESOLUTION	ACCURACY
6mH	1uH	±(1.5%+5 digits)
60mH	10uH	
600mH	100uH	
6H	1mH	
60H	10mH	
100H	100mH	

INSULATION RESISTANCE TESTING

RANGE	CONDITIONS	ACCURACY
2000MΩ	1000V	±(4%+2 digits)

POWER : AA 1.5V X 6

Dimension	: H200 x W92 x D50 mm
Weight	: Approx. 480 Gms.
Accessories	: Test Lead, Shockproof Cover, Carry Case, TP01 Temperature Probe Manual & Battery.