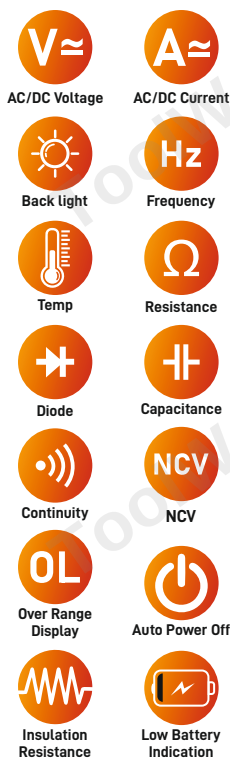


DIGITAL INSULATION MULTIMETER

DIM-1502



Performance with Precision



FEATURES :

- ✓ 3^{1/2} DIGITS
- ✓ 5,999 COUNT
- ✓ TRUE RMS
- ✓ INSULATION RESISTANCE
- ✓ DUTY CYCLE
- ✓ DATA HOLD
- ✓ DUAL INTEGRAL A/D CONVERSION INTEGRATED CIRCUIT
- ✓ AUTOMATIC RANGE MODE

- 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%+6 digits)
600nF	100pF	
6μF	1nF	
60μF	10nF	
600μF	100nF	±(5.0%+8 digits)
6mF	1μF	
60mF	10μF	

AC VOLTAGE (TRUE RMS)

RANGE	RESOLUTION	ACCURACY
6V	1mV	±(0.8%+10 digits)
60V	10mV	
600V	100mV	±(1.0%+10 digits)
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)

FREQUENCY

RANGE	RESOLUTION	ACCURACY
50kHz	Switch to display ACV	±(0.5%+4 digits)

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.

RESISTANCE

RANGE	RESOLUTION	ACCURACY
600Ω	0.1Ω	±(0.8%+5 digits)
6kΩ	1Ω	
60kΩ	10Ω	±(0.8%+2 digits)
600kΩ	100Ω	
6MΩ	1kΩ	±(1.2%+5 digits)
60MΩ	10kΩ	

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)	

INSULATION RESISTANCE TESTING

RANGE	TEST CONDITIONS	ACCURACY
300MΩ	250V	±(4%+2 digits)
500MΩ	500V	
2000MΩ	1000V	

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, Crocodile Clips, Manual & Battery.