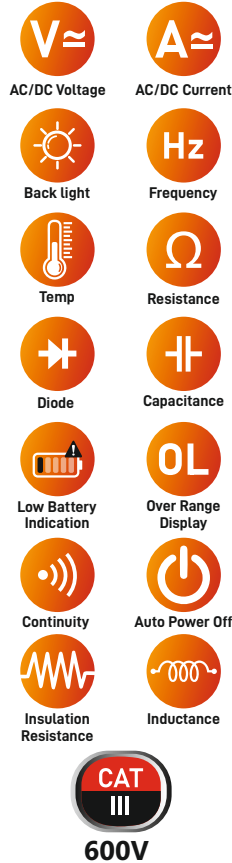


DIGITAL INSULATION MULTIMETER

DIM-1503



Performance with Precision



FEATURES :

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

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	±(1.0%+10 digits)
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)

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	

INSULATION RESISTANCE TESTING

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

RESISTANCE

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

INDUCTANCE (L)

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

TEMPERATURE

RANGE	RESOLUTION	ACCURACY
(-40~1000)°C	<400°C± (1% +5 digits)	1°C
	≥400°C± (1% +5 digits)	
(0~1832)°F	<750°F± (1% +5 digits)	1°F
	≥750°F± (1% +5 digits)	

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