



Bench type

MILLIOHM METER

Model : MO-2002

1. FEATURES

*4 terminal devices for accurate measurement of very low resistance.
*Ideal for measuring the resistance of components precisely.
*Ideal for testing protective conductors, lightning conductors and welded points.
*Wide measuring range, 0.01 m ohm - 20K ohm, 7 ranges.
*20 mm, large size LED display, easy read-out.
*LSI circuit provides high accuracy, reliability and durability.
*Built-in over input protection.
*Durable bench type housing plastic case stand.

2. SPECIFICATIONS

2-1 General Specifications

Test Range (Test Current)	20 m ohm (1 A DC) 200 m ohm (1 A DC) 2 ohm (100 mA DC) 20 ohm (10 mA DC) 200 ohm (1 mA DC) 2 K ohm (100 uA DC) 20 K ohm (10 uA DC)
Warning Setup	* Warning LED Indicator * Buzzer
Operating Temp.	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80 % R.H..
Power Supply	AC 110V \pm 15%, 50/60 Hz or AC 230V \pm 15%, 50/60 Hz.
Fuse for Power Supply	* 200 mA/250 V * Size : 5 X 20 mm dia..
Dimension	280 x 210 x 90 mm (11.0 x 8.3 x 3.5 inch)
Weight	Approx. 2.2 Kg (4.85 LB).
Standard Accessories	Power Cord.....1 PC. 4 wire with 2 Kelvin clips.....1 pair. Instruction Manual.....1 PC.

2-2 Electrical Specifications (23 \pm 5 °C)

Range	Resolution	Test current	Accuracy
20 m ohm	0.01 m ohm	1 A	\pm (0.2 % + 6 d)
200 m ohm	0.1 m ohm	1 A	
2 ohm	1 m ohm	100 mA	
20 ohm	0.01 ohm	10 mA	
200 ohm	0.1 ohm	1 mA	
2 K ohm	0.001 K ohm	100 uA	
20 K ohm	0.01 K ohm	10 uA	

@ The above accuracy is based on the reading value.

Range	Open Circuit Voltage
20 m ohm	Approx. DC 4.5 V
200 m ohm	Approx. DC 4.5 V
2 ohm	Approx. DC 4.5 V
20 ohm	Approx. DC 4.1 V
200 ohm	Approx. DC 3.3 V
2 K ohm	Approx. DC 2.7 V
20 K ohm	Approx. DC 1.9 V