



# P81002 Insulation Resistance Tester



## PRODUCT FEATURES

- A high precision tester that is reliable and easy to operate
- Anti-vibration rubber sleeve protects against dirt and moisture for use in outdoor applications
- Low-power CMOS dual-integration A/D conversion IC, auto-zero, auto-polarity display, and over range indication
- Short circuit output current 1mA
- A/C voltage test function
- Magnets for hands-free use

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# Insulation Resistance Tester

## GENERAL CHARACTERISTICS

### PART NUMBER

P81002

### VOLTAGE MEASUREMENT

Up to 750VAC

### OUTPUT TESTING VOLTAGE

100V, 250V, 500V & 1000V

### FREQUENCY RANGE

40 - 70 Hz

### PRODUCT SIZE

8.5" x 4.75" x 3.0"  
(215.9mm x 120.6mm x 76.2mm)

### PRODUCT NET WEIGHT

< 2.2 lbs. (998g)

### STANDARD INDIVIDUAL PACKING



### STANDARD QUANTITY PER CARTON

1 pc.

### MEASUREMENT OF STANDARD CARTON

8.5" x 6.5" x 10"  
(216mm x 165mm x 254mm)

### WEIGHT OF STANDARD CARTON

3.75 lbs. (1.7kgs)

## SPECIFICATIONS

Insulation Tester	500V
Testing Range Voltage	500V/1000V/2500V/5000V
Output Voltage	90 - 110% Testing Rating Voltage
Scale	1mΩ ~ 200GΩ   MΩ~20GΩ   MΩ~20GΩ
Accuracy	1mΩ ~ 200GΩ ±(3.0%+5) 200mΩ ~ 10GΩ ±(5.0%+5) 10mΩ ~ 200GΩ ±(10.0%+5)
Resolution	20mΩ: 10KΩ: 200mΩ: 100KΩ, 200mΩ: 1mΩ: 20GΩ: 10mΩ: 200GΩ: 100mΩ
Scale of AC Voltage	1 ~ 750V
Accuracy	±(2.0% +5)
Resolution	1V
Frequency Response	40 ~ 400 Hz

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