

PREMIER'S MICRO OHM METER

Model: PE 011



PE 011 –PREMIER'S RESISTANCE METER

APPLICATIONS:

- Component Testing
- Circuit Troubleshooting
- Wire and Cable Testing
- Ground Resistance Testing
- Battery Testing
- Temperature Sensor Testing



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FEATURES:

- Four wire Measurement System.
- 1 Micro - ohm resolution.
- Excellent stability even against reactive Loads like Motors, Transformers, Chokes etc.
- Maximum Test Current 1 Amp.
- Attractive and compact cabinet with HIT stand

TECHNICAL SPECIFICATIONS:

| | | | | | | | | |
|-----------------------|--------------------------------------|-------|--------|--------|--------|-------|-------|-------|
| Display | : 3½ digit, 0.5" ht. Red LED. | | | | | | | |
| Range | : 1999 | 1.999 | 199.9 | 199.9 | 1999.9 | 1.999 | 1.999 | 19.99 |
| | μΩ | mΩ | mΩ | mΩ | Ω | Ω | kΩ | kΩ |
| Resolution | : 1 μΩ | 1 mΩ | 0.1 mΩ | 0.1 mΩ | 0.1 Ω | 1 mΩ | 1 Ω | 10 Ω |
| Max Test Current | : 1 Amp. | | | | | | | |
| Accuracy | : 0.1% ± 1 count. | | | | | | | |
| Stability | : ± 1 count. | | | | | | | |
| Over Range Indication | : Blanking of all digits except MSD. | | | | | | | |
| Operating Temperature | : 20 to 55 °C. | | | | | | | |
| Relative Humidity | : 85% RH. Non Condensing. | | | | | | | |
| Power | : 230V AV ± 10% 50 Hz. | | | | | | | |
| Dimensions | : 190(W) x 90(H) x 255(D) mm | | | | | | | |

HOW TO USE PE 011

1. After the warm up time, Set the selector switch to lowest range (1999 μΩ). Short I+ with I- and Short V+ with V-
2. Adjust the "ZERO" pot till the display indicates 0000
3. Connect the sample to be tested. I+ & I- can be at a distance. V+ & V- should be as near the sample to be tested. Eg if a resistor is to be tested, I+ & I- can be at the extreme ends, while the V+ and V- will be as close to the resistor as possible.
4. Using the knob, set the desired range and read the resistance values.

Video demonstration of PE 011

Scan the QR Code:



NOTES:

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