

PREMIER'S DIGITAL INSULATION TESTER

Model: PE 1000



APPLICATIONS:

- Electrical Equipment Maintenance
- Quality Control in Manufacturing
- Commissioning of Electrical Systems
- Electrical Safety Compliance
- Predictive Maintenance
- Renewable Energy Systems
- Telecommunications Infrastructure



FEATURES:

- Stabilized High voltage DC supply as Test Voltage.
- Output short circuit protected (Max current 1mA.)
- Designed with relevant ISI and IEC specification.
- Applies rated D.C. Voltage across the measurement terminals & displays the value of insulations.

TECHNICAL SPECIFICATIONS:

Display	: 3 ½ digit , 0.5" ht., Red LED		
Test Voltages	: 500V DC or 1000V DC		
Range	: 0-199 MEG	199 GIGA	19.9 GIGA
Resolution	: 1 MEG	10 MEG	0.1 GIGA
Accuracy	: 1% ± 1 count.		
Protection	: Against short circuit/ Inductive load/ Capacitive load/ Charged input.		
Power	: 230V AC ± 10%, 50Hz		
Dimensions	: 192(W) x 96(H) x 150(D) mm		
OPTIONS	: 1. Other Test Voltages on request.		

HOW TO USE:

1. Switch on the unit and connect the red & black patch cords to the unit
2. Connect the red and black to the points between which you want to measure the insulation resistance.

Eg: For Appliances:

Connect the Red to the Line & Neutral of the mains cord AND Black to the Earth pin or the body

For Wires:

Connect the Red to conductors of the wire AND Black to the insulating sleeve

For Cable:

Connect the Red to conductors of one of the wire AND Black to the insulating sleeve or to other wire's conductors

NOTES:

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