

Insulation Meter PCE-IT414



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For high tension up to 5,000 or up to 10,000 volts

The PCE-IT414 Insulation Meter belongs to a series of highly accurate resistance devices that have a 6-digit display. These Insulation Meters have been developed specifically for technical service and for difficult measurement conditions. One of the advantages is the built-in protection to avoid errors originating from loss of current. The Insulation Meter contains a microprocessor and both optical and visual alarms. Factory calibration ensures the most accurate measurements with this series of Insulation Meters.

- ▶ For professionals
- ▶ 6 digit LCD
- ▶ Measurements according to VDE 0413 part 1
- ▶ Test tension up to 5,000V (Model: PCE-IT413) and up to 10,000V (Model: PCE-IT414)
- ▶ 3 year warranty
- ▶ Safety standards:
 - IEC-1010-1; CAT III
 - IEC- 1010- 1
 - EN 61010- 1
- ▶ EMV
 - EN 50081- 1
 - EN 50082- 1
- ▶ Very good price / quality relationship

Specifications

Model	PCE-IT414
DC test tension	1,000 / 2,500/ 5,000 / 10,000V
Range of measurement	60 GΩ / 1,000V 150 GΩ / 2,500V 300 GΩ / 5,000V 600 GΩ / 10,000V
Accuracy	± 3%
Potential output	Maximum of 1 watt
Insulation resistance between electrical conduction and the enclosure	2000 MΩ / 2000V
Static tension between enclosure and circuit	700V AC for a maximum of 1 minute
AC warning circuit	For tension > 450V AC
Power	8 batteries (1.5V)
Dimensions	250x 110 x 190 mm / 9.8 x 4.3 x 7.5 in
Weight	1.5 kg / 3.3 lbs

Subject to change