



GEO416

Metel: HV000416

Professional meter for Earth Resistance and Earth Resistivity measurements

1. DETAILS

GEO416 is a innovative meter designed to performing Earth Resistance measurements with 3-wire standards method typically in industrial electrical installations environments which consists of single probes and more or less wide earth networks. This meter can perform also 2-wire measure (where auxiliary metal parts are available) extremely important in civil environments where 3-wire method application is not possible for logistical reasons. GEO416 performs tests with a high measurement range (up to 50kOhm) with a test current at high frequency in order to consider and eliminate noise voltages disturb on installation. Earth Resistivity test measure with 4-wire method it's also very useful on preliminary calculation of earth installation dimension. A contextual help selectable by user it's available on meter for each functions. The model can save each test result inside memory and can transfer saved dates to PC through optical / USB interface with dedicated Windows software.



2. FUNCTIONS

- 3-wire Earth Resistance
- 2-wire Earth Resistance
- 4-wire Earth Resistivity
- High measurement range (50kOhm)
- Noise voltage measure
- Automatic calibration of test cables resistance
- Memory for saving tests
- Contextual help at display
- Optical /USB PC interface

3. ACCESSORIES

- KITTERRNE: soft bag with 4 cables + 4 metal probes
- COC4-UK: kit of 4 alligator clips
- BORSA2000: carrying bag
- ISO9000 calibration certificate
- Instruction manual on CD-ROM
- Quick reference guide

4. OPTIONAL ACCESSORIES

- TOPVIEW2006: software + optical/USB serial cable
- 1066-IECN: connector for 4mm banana cable
- C2001: RS-232 serial cable

5. STANDARDS APPLIED

- EN 61557-5 Earth resistance
- EN 61326 EMC Standards

EN 61010-032
EN 61010-1

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