



P81001 Clamp-on Ground Resistance Tester

EARTH GROUND RESISTANCE TESTERS

PRODUCT FEATURES



- Auto-ranging ground resistance measurements from 0.01 Ω hm to 1000 Ω hm with 0.01 Ω hm resolution
- AC leakage current range of 10mA to 30.00A with 50 μ A resolution
- 1.25" (31.75mm) maximum conductor O.D.
- Configurable alarm value for resistance and current to support your measurement
- Ergonomic mold with complete slip-proof rubber coating
- Simplifies ground resistance measurements on multiple point ground systems
- Verification resistor included to confirm accuracy of meter
- Data logging with 99 data points
- Complete with heavy-duty case

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P81001 Clamp-on Ground Resistance Tester



GENERAL CHARACTERISTICS

POWER

AA1.5Vx4

PRODUCT SIZE

11.22" x 3.54" x 2.36"
(285mm x 90mm x 60mm)

PRODUCT NET WEIGHT

2.9 lbs. (1320g)
(including battery)

STANDARD INDIVIDUAL PACKING



Carry Case

STANDARD QUANTITY PER CARTON

1 pc.

MEASUREMENT OF STANDARD CARTON

25.39" x 14.17" x 10.83"
(645mm x 360mm x 276mm)
0.064

GROSS WEIGHT OF STANDARD CARTON

4 lbs. (1.81kgs)

SPECIFICATIONS

	Range	Resolution	Precision
Earth Ground Resistance	0.01Ω~0.99Ω	0.01Ω	±1%+0.01Ω
	1.0Ω~49.9Ω	0.1Ω	±1.5%+0.1Ω
	50.0Ω~99.5Ω	0.5Ω	±2%+0.5Ω
	100Ω~199Ω	1Ω	±3%+1Ω
	200Ω~395Ω	5Ω	±6%+5Ω
	400Ω~590Ω	10Ω	±10%+10Ω
	600Ω~1000Ω	20Ω	±20%+20Ω

Min. Resolution 0.01Ω 1000 - 5000

Configurable Alarm Value of Resistance 0~199Ω 50 - 750

	Range	Resolution	Precision
Leakage Current	0~80mA	50μA	±2.5%+1mA
	80mA~650mA	0.5mA	±2.5%+2mA
	650mA~4A	5mA	±2.5%+10mA
	4A~30A	10mA	±2.5%+20mA

Min. Resolution 50μA

Measurement of Leakage Current 46~65 Hz, RMS

Configurable Alarm Value of Current 0~499mA

Memory 99 sets

Conductor Size 1.26" - 2.17" (32mm - 55mm)

Working Temperature -10°C~55°C (14°F - 131°F)

Working Humidity 10%~80%

LCD Size 1.12" x 1.85" (28.5mm x 47mm)

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