



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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GENERAL CHARACTERISTICS

PART NUMBER

P81001

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)

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	
Leakage Current	Range	Resolution	Precision
	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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