

Product DATASHEET

Clamp-On Ground Resistance Tester

Enables non-contact measurements of ground conductors without need for auxiliary ground spikes

Features:

- Ground resistance measurements down to 0.03% with 0.02% maximum resolution
- True RMS AC Leakage current range of 0.2mA to 15A with 0.001mA maximum resolution
- Programmable Datalogging with 116 data points
- Programmable Hi/Lo Alarm
- 0.9" Jaw Size for Large Ground Rods
- Simplifies ground resistance measurements on multiple point ground systems
- Verification resistors confirm accuracy of meter
- Automatic Self Calibration when powered on
- 9999 Count High Contrast LCD Display
- Electrical Noise Detection feature prevents inaccurate readings
- Data Hold and Continuity Beeper
- Complete with 9V battery, Resistance check plate and carrying case

CE CAT III-300V,
CAT II-600V

Specifications	Range	Resolution	Accuracy (%rdg)
Ground Resistance:	0.03 to 9.99%	0.02Ω	±(1.5% + 0.1%)
	10.0 to 99.9%	0.1Ω	±(2.0% + 0.3%)
	100.0 to 199.9%	0.4Ω	±(3.0% + 1.0%) typical
	200.0 to 399.9%	2Ω	±(5.0% + 5%) typical
	400.0 to 599.9%	5Ω	±(10% + 10%) typical
	600.0 to 999.9%	10Ω	Not specified
	1000 to 1500%	30Ω	Not specified
AC Leakage Current (Trms):	0.200 to 0.999mA	0.001mA	±(2.5% + 0.05mA)
	1.000 to 9.99mA	0.01mA	±(2.5% + 0.05mA)
	10.00 to 99.9mA	0.1mA	±(2.0% + 0.3mA)
	100.0 to 750.0mA	0.1mA	±(2.5% + 3mA)
	0.20 to 15.00A	0.01A	±(2.0% + 0.05A)
Resistance Test Frequency:	1.667kHz		
Continuity:	Beep if less than 40Ω (approximately)		
Dimensions:	10.2 x 4.4 x 1.9" (258 x 110 x 47mm)		
Weight:	24.7oz (700g)		

Applications:

- Verify resistance of cellular and communication tower ground grids
- Check utility transmission systems and grounding rods
- Maintenance on electric transportation systems
- Ideal for grounding systems in sub-stations, factories and office buildings



Ordering Information:

382357Clamp-On Ground Resistance Tester
382357-NIST ..Clamp-On Ground Resistance Tester with NIST Certificate

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