

Clamp-On Ground Resistance Tester

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

TRANSCAT

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35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

Features:

- Ground resistance measurements down to 0.025Ω with 0.002Ω maximum resolution
- True RMS AC Leakage current range of 0.2mA to 30A with 1.000mA 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:	0.025 to 0.25Ω	0.002Ω	±(1.5% + 0.05Ω)
	0.250 to 1.000Ω	0.02Ω	±(1.5% + 0.05Ω)
	1.001 to 9.999Ω	0.02Ω	±(1.5% + 0.1Ω)
	10.00 to 50.00Ω	0.04Ω	±(1.5% + 0.1Ω)
	50.01 to 99.99Ω	0.04Ω	±(1.5% + 0.5Ω)
	100.0 to 200.0Ω	0.4Ω	±(1.5% + 0.5Ω)
	200.1 to 400.0Ω	2Ω	±(5.0% + 5Ω)
	400.0 to 600.0Ω	5Ω	±(10% + 10Ω)
	600.1 to 1500Ω	20Ω	±20%
AC Leakage Current (Trms):	0.200 to 1.000mA	0.001mA	±(2.0% ± 0.05mA)
	1.00 to 10.00mA	0.01mA	±(2.0% ± 0.03mA)
	10.0 to 100.0mA	0.1mA	±(2.0% ± 0.3mA)
	100 to 1000mA	0.1mA	±(2.0% ± 0.3mA)
	0.20 to 4.00A	0.01A	±(2.0% ± 0.03A)
	4.00 to 30.00A	0.01A	±(3.0% ± 0.03A)
Resistance Test Frequency:	1.667kHz		
Continuity:	Beeper 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

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02/27/07 - R2