

### 382357 Clamp-On Ground Resistance Tester



Verify resistance of cellular and communication tower ground grids

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

- Autoranging ground resistance and True RMS AC Leakage current measurements
- Programmable datalogging with 116 readings
- Programmable Hi/Lo alarm
- 0.9" (23mm) Jaw size for large ground rods
- Simplifies ground resistance measurements on multiple point ground systems
- Auto power off
- Verification resistors confirm accuracy
- Automatic Self Calibration when powered on
- 9999 Count LCD display with Data Hold
- Electrical Noise Detection feature prevents inaccurate readings
- CAT III-300V, CAT II-600V
- 1 year warranty
- Complete with 9V battery, Resistance check plate, and durable metal storage case

SPECIFICATIONS	RANGE	RESOLUTION	BASIC ACCURACY
Ground Resistance	0.025 to 1500Ω	0.002Ω	±1.5%
AC Leakage Current (Trms)	1mA	0.001mA	±2.5%
AC Current (Trms)	0.3mA to 30.00A	0.01A	±2.0%
Resistance Test Frequency	3.333kHz		
Operating Temperature	32 to 122°F (0 to 50°C)		
Dimensions/Weight	10.2x4.4x1.9" (258x110x47mm) / 1.5lbs (700g) (meter only)		

**ORDERING**

382357 **N** Clamp-On Ground Resistance Tester

### 382252 Earth Ground Resistance Tester Kit



**Includes all hardware necessary to measure earth ground in 3 ranges from 20 to 2000Ω**

- Large dual display with backlight and double molded housing
- Test Hold function
- Automatic Zero adjustment
- AC/DC Voltage, Resistance, and Continuity
- Auto Power off, Over-range and low battery indication
- 1 year warranty
- Complete with test leads, two auxiliary earth bars, carrying case, and six 1.5V AA batteries

SPECIFICATIONS	RANGE	RESOLUTION	BASIC ACCURACY
Earth Ground Resistance ranges	20Ω/ 200Ω/2000Ω	0.01Ω/ 0.1Ω/1Ω	±(2%rdg)
Test Current (Freq.)	<2.5mA (820Hz)	0.001mA	±2.5%
AC Earth Voltage (Freq.)	0 to 200VAC (50 to 400Hz)		±(3%rdg)
DC Voltage	0 to 1000V	0.1V	±(0.8%rdg)
Resistance	0 to 200kΩ		±(1%rdg)
Continuity	40Ω		
Category rating	CAT III-1000V		
Dimensions/ Weight	7.9x3.6x2" (200x92x50mm)/ 1.5lbs (700g) (meter only)		

**ORDERING**

382252 **N** Earth Ground Resistance Tester Kit  
 382253 Replacement Earth Bars (2pk)  
 382254 Replacement Set of Test Leads

**GRT300/GT350 4-Wire Earth Ground Resistance/Resistivity Testers**



CE



Complete with color coded test leads and alligator clips, 4 auxiliary earth bars, hard carrying case, and eight 1.5V AA batteries; 1 year warranty

**Includes all hardware necessary to measure earth ground in 4 ranges**

- 4-wire, 3-wire, and 2-wire testing
- Large dual line LCD
- Autoranging
- Automatic I (current) spike check and Automatic P (potential) spike check
- Test Hold function for easy operation
- AC Earth Voltage
- Data Hold and Auto Power Off features
- Over-range and low battery indication

**Model GRT300 Additional Feature**

- Earth Ground Resistance in 4 ranges
- Automatic Zero adjustment

**Model GRT350 Additional Features**

- Earth Ground Resistance in 3 ranges
- Earth resistivity (ρ) test
- Store/recall up to 200 test results

SPECIFICATIONS	GRT300	GRT350
Earth Ground Resistance	2Ω/20Ω/200Ω/2000Ω	20Ω/200Ω/2000Ω
Basic Accuracy	±(2%rdg+3d)	±(2%rdg+3d)
Resolution	0.01Ω/0.1Ω/1Ω/0.01kΩ	0.01Ω/0.1Ω/1Ω
Earth Resistivity (ρ)	—	0.06 to 6.28 kΩm, 0.62 to 62.8 kΩm, 6.28 to 628 kΩm
Test Current / Frequency	<2mA/820Hz	<2mA/820Hz
AC Earth Voltage / Frequency	0 to 300VAC/40 to 500Hz	0 to 300VAC/40 to 500Hz
Dimensions/ Weight	9.8 x 7.8 x 4.3" (250 x 190 x 110mm)/ 3.15lbs (1.4kg) - batteries included	

**ORDERING**

GRT300	N	4-Wire Earth Ground Resistance Tester Kit
GRT350	N	4-Wire Earth Ground Resistance/Resistivity Tester Kit

**UM200 High Resolution Micro-Ohm Meter**



CE



Complete with 4-wire cables with Kelvin clip connectors, rechargeable Li-Polymer battery, AC adapter/charger, software and USB cable, and carrying case

**Provides resolution down to 1μΩ using 4-wire Kelvin clip test leads**

- 6 ranges with 3 sub-ranges in each current range
- Measurement of resistive and inductive materials
- Auto or Manual ranging
- High resolution to 1μΩ
- 5-Digit backlit LCD
- Built-in comparator for Hi/Lo/Go resistance testing with 20 sets of pre-stored values
- Store/Recall up to 3000 measurements
- 10A maximum test current
- Cable length measurement (feet or meters)
- RS-232 interface
- 1 year warranty
- Complete with 4-wire cables with Kelvin clip connectors, rechargeable Li-Polymer battery, AC adapter/charger, software and USB cable, and carrying case

SPECIFICATIONS	RANGE	RESOLUTION	CURRENT	BASIC ACCURACY
Resistance	60mΩ	1μΩ	10A	±(0.25%)
	600mΩ	10μΩ	1A	±(0.25%)
	6Ω	100μΩ	100mA	±(0.25%)
	60Ω	1mΩ	10mA	±(0.25%)
	600Ω	10mΩ	1mA	±(0.25%)
	6kΩ	100mΩ	100μA	±(0.75%)
Power	Rechargeable Li-Polymer Battery			
Dimensions/Weight	10.1 x 6.1 x 2.2" (257 x 155 x 57mm)/ 2.6lb (1160g)			

**ORDERING**

UM200	N	High Resolution Micro-Ohm Meter
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