

GRT350 4-Wire Earth Ground Resistance/Resistivity Tester



To ensure good ground system installation, use Extech's GRT350 Tester to check the resistance of the ground as well as the soil resistivity before you install your ground rods. This tester includes all hardware necessary to measure Earth Ground Resistance in 3 ranges, from 20 to 2000 Ω , and Resistivity from 0.06 to 628k Ω m. Electricians and technicians should also check their ground system periodically for predictive maintenance ensuring the resistance level doesn't exceed the allowed safety level.



Features

- Earth resistivity (ρ) test
- 4-wire, 3-wire, and 2-wire testing
- Large dual line LCD
- Autoranging
- Automatic I (current) spike check
- Automatic P (potential) spike check
- Test Hold function for easy operation
- AC Earth Voltage
- Data Hold and Auto Power Off
- Overrange and low battery indication
- Store/recall up to 200 test results
- Complete with built-in hard carrying case, test leads with alligator clips, 4 auxiliary earth bars, and eight 1.5V AA batteries

Specifications

Earth Ground Resistance	20 Ω /200 Ω /2000 Ω
Accuracy	$\pm(2\%rdg+3d)$
Resolution	0.01 Ω / 0.1 Ω /1 Ω
Test Current / Frequency	approx. 2mA/820Hz
Earth Resistivity (ρ)	0.06 to 6.28 k Ω m, 0.62 to 62.8 k Ω m, 6.28 to 628 k Ω m
AC Earth Voltage	0 to 300VAC
Accuracy	$\pm(2\%rdg+3d)$
Dimensions	9.8 x 7.8 x 4.3" (250 x 190 x 110mm)
Weight	3.15lbs (1.43kg) - batteries included

Ordering

GRT350* **N**4-Wire Earth Ground Resistance/Resistivity Tester
 382153.....Replacement Earth Bars (2pk)
 382154.....Replacement Set of Leads

N Indicates products that are available with optional calibration traceable to NIST. Order with -NISTL after part number.
 *Limited NIST for Certificate of Traceability to 4-wire mode only

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