

Features

- Auto-ranging ground resistance and leakage current measurements
- 0.001Ω resolution for low resistance measurements
- 9999-count backlit LCD display
- Internal memory stores up to 99 readings
- User adjustable alarms
- Data hold function
- Durable double molded conductor clamp
- 1.26" (32mm) jaw size for large ground rods
- Low battery indicator and auto shut off
- Cat. III 300V safety rating
- Includes 2 resistance calibration loops (1Ω and 10Ω), batteries and hard carrying case

Specifications

Ground Resistance

Range:	0.010 to 0.099Ω, 0.10 to 0.99Ω 1.0 to 49.9Ω, 50.0 to 99.5Ω 100 to 199Ω, 200 to 395Ω 400 to 590Ω, 600 to 880Ω 900 to 1200Ω
Accuracy:	0.010 to 0.099Ω: ±(1% + 0.01Ω) 0.10 to 0.99Ω: ±(1% + 0.01Ω) 1.0 to 49.9Ω: ±(1% + 0.1Ω) 50.0 to 99.5Ω: ±(1.5% + 0.5Ω) 100 to 199Ω: ±(2% + 1Ω) 200 to 395Ω: ±(5% + 5Ω) 400 to 590Ω: ±(10% + 10Ω) 600 to 880: ±(20% + 20Ω) 900 to 1200Ω: ±(25% + 30Ω)
Resolution:	0.001Ω, 0.01Ω, 0.1Ω, 1Ω, 0.5Ω, 1Ω, 5Ω, 10Ω, 20Ω, 30Ω

Current

Range:	0 to 9.95A, 10 to 99mA 100 to 300mA, 0.30 to 2.99A 3 to 9.9A, 10 to 30A
Accuracy:	0 to 9.95A: ±(2.5% + 1mA) 10 to 99mA: ±(2.5% + 5mA) 100 to 300mA: ±(2.5% + 10mA) 0.30 to 2.99A: ±(2.5% + 0.1A) 3 to 9.9A: ±(2.5% + 0.3A) 10 to 30A: ±(2.5% + 0.5A)
Resolution:	0.5mA, 0.1mA, 1mA, 0.01A, 0.1A, 0.1A

TECHNICAL DATA



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TECHNICAL DATA



General Specifications

Range Selection:	Autoranging
Sampling Time:	0.5s
Display:	9,999 count LCD display
Backlit LCD:	Yes
User Selectable Alarms:	Yes
Display Hold:	Yes
Internal Memory:	Yes up to 99 data points
Autoshut off:	Yes (after 5 minutes)
Power Supply:	4 AA Batteries
Over Range Indicator:	Yes
Low Battery Indicator:	Yes
Jaw Opening:	1.26" (32mm)
Overvoltage Category:	CAT. III 300V
Product Certifications:	CE, RoHS
Operating Temp.:	32 to 131°F (0 to 55°C)
Operating Humidity:	10 to 90%
Storage Temp.:	-4 to 140°F (-20 to 60°C)
Dimensions:	11.2 x 3.3 x 2.2" (285 x 85 x 56mm)
Weight:	2.6lbs (1160g)

Model	Description
R5700	Clamp Ground Resistance Tester
R5700-NIST	Clamp Ground Resistance Tester & NIST