REED INSTRUMENTS

Clamp-On Ground Resistance Tester
Model R5710

TRACEABLE AVAILABLE! — CERTIFICATION

1 YEAR WARRANTY

TECHNICAL DATA

Features

- Auto-ranging ground resistance and leakage current measurements
- 0.001Ω resolution for low resistance measurements
- 9999-count EBTN display
- Internal memory stores up to 300 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 resistance calibration loop (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

Continued...

REED INSTRUMENTS

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TRACEABLE CERTIFICATION AVAILABLE!

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TECHNICAL DATA

Current

Range:	0 to 9mA, 10 to 99mA, 100 to 299mA, 0.30 to 2.99A, 3 to 9.9A, 10 to 20A
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 20A: ±(2.5% + 0.5A)
Resolution:	0.5mA, 0.1mA, 1mA, 0.01A, 0.1A, 0.1A

General Specifications

Range Selection:	Auto-ranging
Sampling Time:	0.5 seconds
Display:	9,999 count EBTN display
Backlit LCD:	Yes
User Selectable Alarms:	Yes
Display Hold:	Yes
Internal Memory:	Yes up to 300 data points
Auto Shut-off:	Yes (after 5 minutes)
Power Supply:	4 x AA Batteries
Over Range Indicator:	Yes
Low Battery Indicator:	Yes
Ω+A Display:	Yes
Jaw Opening:	1.26" (32mm)
Overvoltage Category:	CAT. III 300V
Product Certifications:	CE, RoHS
Operating Temperature:	32 to 131°F (0 to 55°C)
Operating Humidity:	10 to 90%
Storage Temperature:	-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 (1180g)

Model	Description
R5710	Clamp-On Ground Resistance Tester
R5710-NIST	Clamp-On Ground Resistance Tester & NIST