



Models 3711 & 3731



Measures ground rod and small grid resistance through any season, without the use of auxiliary ground rods



► FEATURES & FUNCTIONS

3711	3731
✓	✓
✓	✓
✓	√
✓	✓
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✓	✓
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	3711

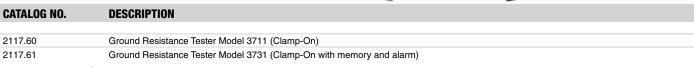
SPECIFICATIONS

Alarm Function

Memory (Logging)

MODELS	3711 & 3731			
ELECTRICAL				
Ground Resistance	Measurement Range	Resolution	Accuracy (% of Reading)	
Auto-Ranging 0.01 to 1200Ω	0.1 to 1.0Ω	0.01Ω	$\pm (2\% \pm 0.02\Omega)$	
	1.0 to 50.00Ω	0.1Ω	$\pm (1.5\% \pm 0.1\Omega)$	
	50.0 to 100.0 Ω	0.5Ω	$\pm (2.0\% \pm 0.5\Omega)$	
	100 to 200Ω	1Ω	$\pm (3.0\% \pm 1\Omega)$	
	200 to 400Ω	5Ω	$\pm (6\% \pm 5\Omega)$	
	400 to 600Ω	10Ω	$\pm (10\% \pm 10\Omega)$	
	600 to 1200 Ω	50Ω	25% of Reading $\pm 50\Omega$	
Current Measurement	1 to 299mA	1mA	±(2.5% + 2mA)	
Auto-Ranging	0.300 to 2.999A	0.001A	±(2.5% + 2mA)	
1mA to 30.00Arms	3.00 to 29.99A	0.01A	±(2.5% + 20mA)	
Resistance Measurement Frequency	2403Hz			
Current Measurement Frequency	47 to 800Hz			
Current Overload	OL displayed above 29.99Arms			
Power Source	9V Alkaline battery (included); Battery life: Eight hours or approximately 1000 measurements of 30 seconds			



















- Simple and fast clamp-on operation no leads, no auxiliary rods or spacing requirements
- · Direct reading of ground resistance from $0.1 \text{ to } 1200\Omega$
- Direct reading of continuity and ground loop resistance
- Direct reading of ground leakage or phase current from 1mA to 30Arms
- Jaw design with large 1.25" (32mm) window accommodates up to 1000kcmil cables
- Auto Power OFF feature
- Alarm function with adjustable set point and buzzer for quick field checks (Model 3731)
- Memory function to store 99 field measurements for later retrieval and analysis (Model 3731)
- Rugged Lexan® head and body construction resists breakage
- Alarm settings and stored memory information saved during shutdown (Model 3731)
- Noise icon and buzzer alert user to presence of dangerous voltage and current levels
- Designed to EN 61010-1, 150V CAT III, 300V CAT II safety standards
- US Patented design No. 362,639



ground tester workbook and user manual.