



Models 3711 & 3731

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

► FEATURES & FUNCTIONS

MODELS	3711	3731
Ohms Range	✓	✓
Arms Range	✓	✓
Hold Function	✓	✓
Self Test	✓	✓
Auto-Off	✓	✓
Battery Life Indicator	✓	✓
Noise Indicator	✓	✓
Open Jaw Indicator	✓	✓
Closed Loop Indicator	✓	✓
Multi-Tone Beeper	✓	✓
Alarm Function	–	✓
Memory (Logging)	–	✓

► SPECIFICATIONS

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	±(2% ± 0.02Ω)
	1.0 to 50.00Ω	0.1Ω	±(1.5% ± 0.1Ω)
	50.0 to 100.0Ω	0.5Ω	±(2.0% ± 0.5Ω)
	100 to 200Ω	1Ω	±(3.0% ± 1Ω)
	200 to 400Ω	5Ω	±(6% ± 5Ω)
	400 to 600Ω	10Ω	±(10% ± 10Ω)
	600 to 1200Ω	50Ω	25% of Reading ±50Ω
Current Measurement	1 to 299mA	1mA	±(2.5% + 2mA)
Auto-Ranging 1mA to 30.00Arms	0.300 to 2.999A	0.001A	±(2.5% + 2mA)
	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		



#E192383



► FEATURES

- Simple and fast clamp-on operation - no leads, no auxiliary rods or spacing requirements
- Direct reading of ground resistance from 0.1 to 1200Ω
- 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-Off for power management
- 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



► PRODUCT INCLUDES

Includes calibration loop, battery, hard carrying case and user manual.

CATALOG NO.	DESCRIPTION
2117.60	Ground Resistance Tester Model 3711 (Clamp-On)
2117.61	Ground Resistance Tester Model 3731 (Clamp-On with memory and alarm)