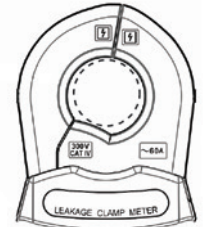


LEAKAGE CURRENT METERS & PROBES

TRMS CLAMP-ON LEAKAGE CURRENT METER

1µA Resolution



Jaw Opening: .91" (23mm)

MODEL 566

Designed to measure low AC currents, which are typically leakage currents in ground conductors

SPECIFICATIONS

MODEL		566
ACmA Current (TRMS, Auto-Ranging)		
Resolution	6mA 60mA 600mA	0.001mA (1µA) 0.01mA (10µA) 0.1mA (100µA)
Accuracy	50 to 60Hz (6mA) 50 to 60Hz (60mA & 600mA) 60 to 500Hz (6mA) 60 to 500Hz (60mA & 600mA)	±1.0% of Reading ±8cts ±1.0% of Reading ±5cts ±2.0% of Reading ±8cts ±2.0% of Reading ±5cts
AC Current (TRMS, Auto-Ranging)		
Resolution	6A 60A	1mA 10mA
Accuracy	50 to 60Hz 60 to 500Hz	±1.0% of Reading ±5cts ±2.0% of Reading ±5cts
AC Voltage (TRMS)		
Accuracy	60V 600V	±1.0% of Reading ±3cts
DC Voltage		
Resolution	60V 600V	0.01V 0.1V
Accuracy	60V 600V	±1.0% of Reading ±2cts
Resistance		
Accuracy		0 to 1kΩ ±1.0% of Reading ±2cts
CONTINUITY		
Buzzer activates <45Ω (0 to 1kΩ)		
Frequency (Auto-Ranging)		
Function		A-Hz V-Hz
Resolution	0 to 100Hz 100Hz to 1kHz	0.1Hz 1Hz 0.1Hz 1Hz
Sensitivity		10mArms min 5Vrms min
Accuracy		±0.5% of Reading ±2cts
Filter		On (50/60Hz only); Off (full frequency range)
MAX Sample Rate		100mS
MECHANICAL		
Jaw Opening Max Conductor Size		0.91" (23mm)
Weight		10.4 oz (296g) with batteries
Power Source		Two 1.5V AAA batteries (included)
ENVIRONMENTAL		
Operating Temperature		32° to 104°F (0° to 40°C); < 80% RH (non-condensing)
SAFETY		
Safety Rating		EN 61010-1, EN 61010-2-032, 600V Cat. III

Consult factory for NIST Calibration prices

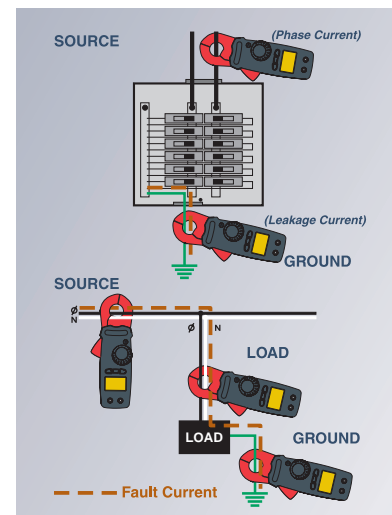
PRODUCT INCLUDES

Soft carrying case, (2) color-coded (red/black) 5 ft test leads, (2) 1.5V AAA (LR03) batteries and a user manual.



FEATURES

- Check for leakage and locate insulation breakdowns on live circuits
- Measures leakage current down to 0.001mA with up to 1µA resolution
- Measures current up to 60Arms
- Measures up to 600Vac/dc
- Measures Hz on either V or A inputs
- Measures resistance and continuity
- Hold feature freezes value
- MAX feature keeps track of highest measured in-rush value
- Zero button ideal for measuring relative values
- Low pass filter to isolate 50/60Hz fundamental from harmonics
- Compatible with VDE 0404
- Backlight LCD display



CATALOG NO.	DESCRIPTION
2139.83	TRMS Clamp-on Leakage Current Meter Model 566 (6/60/600mA, 1/10/100A, 600Vac/dc, Hz, Ohms, Continuity)

