

LEAKAGE CURRENT METERS & PROBES

TRMS CLAMP-ON LEAKAGE CURRENT METER

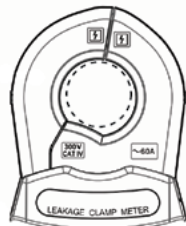
600 V
CAT III



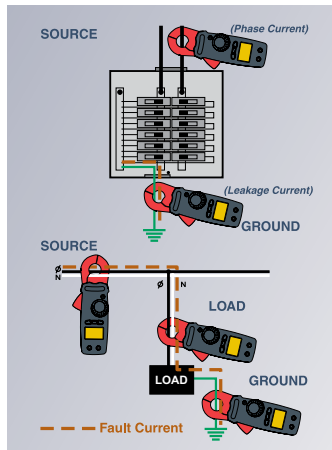
**1 μ A
Resolution**

MODEL 566

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



Jaw Opening: .91 in (23 mm)



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FEATURES

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

MODEL	566
ELECTRICAL	
ACmA Current (TRMS, Auto-Ranging)	
Resolution	6 mA 60 mA 600 mA
	0.001 mA (1 μ A) 0.01 mA (10 μ A) 0.1 mA (100 μ A)
Accuracy	(50 to 60) Hz (6 mA) (50 to 60) Hz (60 and 600) mA (60 to 500) Hz (6 mA) (60 to 500) Hz (60 and 600) mA
	$\pm 1.0\%$ of Reading ± 8 cts $\pm 1.0\%$ of Reading ± 5 cts $\pm 2.0\%$ of Reading ± 8 cts $\pm 2.0\%$ of Reading ± 5 cts
AC Current (TRMS, Auto-Ranging)	
Resolution	6 A 60 A
	1 mA 10 mA
Accuracy	(50 to 60) Hz (60 to 500) Hz
	$\pm 1.0\%$ of Reading ± 5 cts $\pm 2.0\%$ of Reading ± 5 cts
AC Voltage (TRMS)	
Accuracy	60 V 600 V
	$\pm 1.0\%$ of Reading ± 3 cts
Resolution	60 V 600 V
	0.01 V 0.1 V
DC Voltage	
Resolution	60 V 600 V
	0.01 V 0.1 V
Accuracy	60 V 600 V
	$\pm 1.0\%$ of Reading ± 2 cts
Resistance	
Accuracy	$\pm 1.0\%$ of Reading ± 2 cts
Low Pass Filter (LPF)	On 60 Hz only; Off (full frequency range)
MECHANICAL	
Jaw Opening Max Conductor Size	0.91 in (23 mm)
Weight	10.4 oz (296 g) with batteries
Power Supply	(2) 1.5 V AAA batteries (included)
ENVIRONMENTAL	
Operating Temperature	(32 to 104) °F (0 to 40) °C; < 80 % RH (non-condensing)
SAFETY	
Safety Rating	600 V CAT III

Consult factory for NIST Calibration prices.

PRODUCT INCLUDES

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



CAT. # DESCRIPTION

2139.83 TRMS Clamp-on Leakage Current Meter Model 566 (6/60/600 mA, 6/60 A, 600 V_{AC/DC}, Ohms, Continuity)