

LEAKAGE CURRENT METERS & PROBES

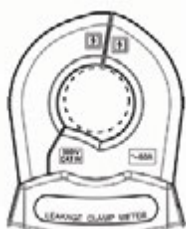
TRMS CLAMP-ON LEAKAGE CURRENT METER

600 V
CAT III

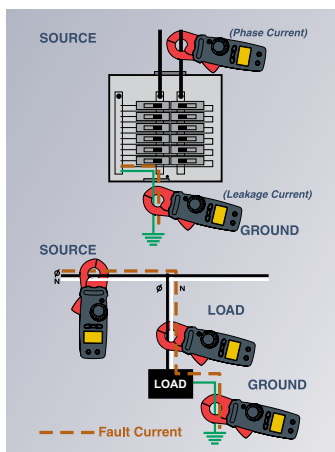


MODEL 566

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



Jaw Opening: .91 in (23 mm)



MODEL	566	
ELECTRICAL		
ACmA Current (TRMS, Auto-Ranging)		
Resolution	6 mA	0.001 mA (1 µA)
	60 mA	0.01 mA (10 µA)
	600 mA	0.1 mA (100 µA)
Accuracy	(50 to 60) Hz (6 mA)	± 1.0 % of Reading ± 8 cts
	(50 to 60) Hz (60 and 600) mA	± 1.0 % of Reading ± 5 cts
	(60 to 500) Hz (6 mA)	± 2.0 % of Reading ± 8 cts
	(60 to 500) Hz (60 and 600) mA	± 2.0 % of Reading ± 5 cts
AC Current (TRMS, Auto-Ranging)		
Resolution	6 A	1 mA
	60 A	10 mA
Accuracy	(50 to 60) Hz	± 1.0 % of Reading ± 5 cts
	(60 to 500) Hz	± 2.0 % of Reading ± 5 cts
AC Voltage (TRMS)		
Accuracy	60 V	± 1.0 % of Reading ± 3 cts
	600 V	
Resolution	60 V	0.01 V
	600 V	0.1 V
DC Voltage		
Resolution	60 V	0.01 V
	600 V	0.1 V
Accuracy	60 V	± 1.0 % of Reading ± 2 cts
	600 V	
Resistance		
Accuracy	± 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.

FEATURES

- Check for leakage and locate insulation breakdowns on live circuits
- Measures leakage current down to 0.001 mA with up to 1 µA 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

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)