

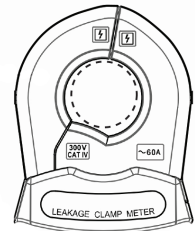
LEAKAGE CURRENT METERS & PROBES

TRMS CLAMP-ON LEAKAGE CURRENT METER

MODEL 566

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

**1 μ A
Resolution**



Jaw Opening:
.91 in (23 mm)



SPECIFICATIONS

MODEL		566	
ACmA Current (TRMS, Auto-Ranging)			
Resolution	6 mA 60 mA 600 mA	0.001 mA (1 μA) 0.01 mA (10 μA) 0.1 mA (100 μA)	
Accuracy	(50 to 60) Hz (6 mA) (50 to 60) Hz (60 and 600 mA)	± 1.0 % of Reading ± 8 cts ± 1.0 % of Reading ± 5 cts	
	(60 to 500) Hz (6 mA) (60 to 500) Hz (60 mA and 600 mA)	± 2.0 % of Reading ± 8 cts ± 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	± 1.0 % of Reading ± 5 cts ± 2.0 % of Reading ± 5 cts	
AC Voltage (TRMS)			
Accuracy	60 V 600 V	± 1.0 % of Reading ± 3 cts	
DC Voltage			
Resolution	60 V 600 V	0.01 V 0.1 V	
Accuracy	60 V 600 V	± 1.0 % of Reading ± 2 cts	
Resistance		(0 to 1) kΩ	
Accuracy		± 1.0 % of Reading ± 2 cts	
CONTINUITY			
Buzzer activates < 45 Ω (0 to 1) kΩ			
Frequency (Auto-Ranging)			
Function		A-Hz	V-Hz
Resolution	(0 to 100) Hz 100 Hz to 1 kHz	0.1 Hz 1 Hz	0.1 Hz 1 Hz
Sensitivity		10 mArms min	5 Vrms min
Accuracy		± 0.5 % of Reading ± 2 cts	
Filter		On (50/60) Hz only; Off (full frequency range)	
MAX Sample Rate		100 ms	
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		EN 61010-1, EN 61010-2-032, 600 V CAT III	

Consult factory for NIST Calibration prices

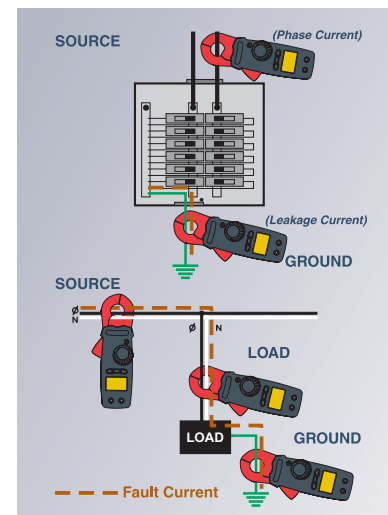
PRODUCT INCLUDES

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



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 VAC/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 (50/60) Hz fundamental from harmonics
- Compatible with VDE 0404
- Backlight LCD display



2139.63 TRMS Clamp-on Leakage Current Meter Model 566 (6/60/600 mA, 1/10/100 A, 600 Vrms, Hz, Ohms, Continuity)

80

© Chauvin Arnoux, Inc. d.b.a. AEMC Instruments. All Rights Reserved.

Vol. 23 Rev.00 02/2023