

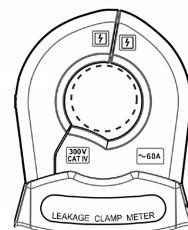
LEAKAGE CURRENT METERS & PROBES

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

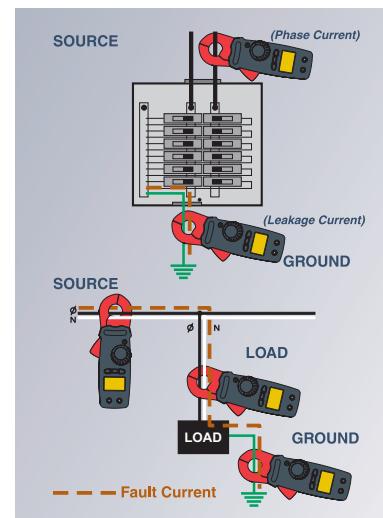


Jaw Opening:
.91 in (23 mm)



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



SPECIFICATIONS

MODEL	566	
ACmA Current (TRMS, Auto-Ranging)		
Resolution	6 mA	0.001 mA (1 μ A)
	60 mA	0.01 mA (10 μ A)
	600 mA	0.1 mA (100 μ A)
Accuracy	(50 to 60) Hz (6 mA)	\pm 1.0 % of Reading \pm 8 cts
	(50 to 60) Hz (60 and 600 mA)	\pm 1.0 % of Reading \pm 5 cts
	(60 to 500) Hz (6 mA)	\pm 2.0 % of Reading \pm 8 cts
	(60 to 500) Hz (60 mA and 600 mA)	\pm 2.0 % of Reading \pm 5 cts
AC Current (TRMS, Auto-Ranging)		
Resolution	6 A	1 mA
	60 A	10 mA
Accuracy	(50 to 60) Hz	\pm 1.0 % of Reading \pm 5 cts
	(60 to 500) Hz	\pm 2.0 % of Reading \pm 5 cts
AC Voltage (TRMS)		
Accuracy	60 V	\pm 1.0 % of Reading \pm 3 cts
	600 V	
DC Voltage		
Resolution	60 V	0.01 V
	600 V	0.1 V
Accuracy	60 V	\pm 1.0 % of Reading \pm 2 cts
	600 V	
Resistance		(0 to 1) k Ω
Accuracy		\pm 1.0 % of Reading \pm 2 cts
CONTINUITY		
		Buzzer activates $<$ 45 Ω (0 to 1) k Ω
Frequency (Auto-Ranging)		
Function		A-Hz
		V-Hz
Resolution	(0 to 100) Hz	0.1 Hz
	100 Hz to 1 kHz	1 Hz
Sensitivity		10 mArms min
Accuracy		\pm 0.5 % of Reading \pm 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.

