

# LEAKAGE CURRENT METERS & PROBES

## TRMS CLAMP-ON LEAKAGE CURRENT METER

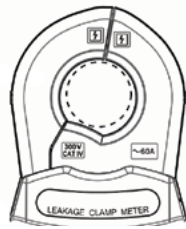
600 V  
CAT III



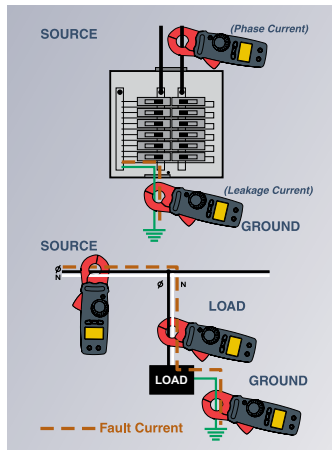
**1  $\mu$ A  
Resolution**

### 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  $\mu$ 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 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 0.001 mA (1 $\mu$ A) 60 mA 0.01 mA (10 $\mu$ A) 600 mA 0.1 mA (100 $\mu$ 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 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
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 $\pm 1.0$ % of Reading $\pm 2$ cts 600 V
Resistance	
Accuracy	$\pm 1.0$ % of Reading $\pm 2$ 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 Vac/dc, Ohms, Continuity)