

LEAKAGE CURRENT METERS & PROBES



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TRMS CLAMP-ON LEAKAGE CURRENT METER

MODEL 565

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

10mA
Resolution

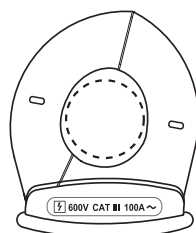
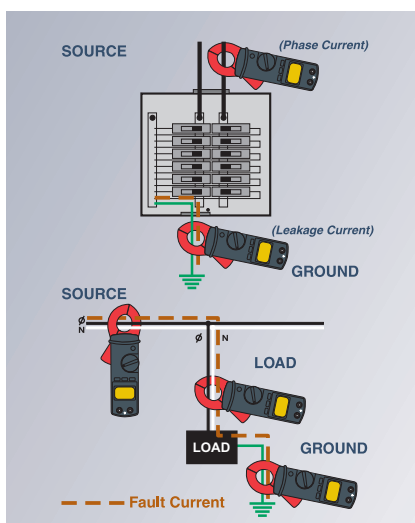


SPECIFICATIONS

MODEL		565 TRMS
mA AC Current (TRMS, Auto-Ranging)		0 to 600mA
Resolution	60mA	0.01mA (10μA)
	600mA	0.1mA (100μA)
Accuracy	50 to 60Hz	±1.2% of Reading ±5cts
	50 to 500Hz	±2.5% of Reading ±5cts
	500Hz to 3kHz	±3.5% of Reading ±10cts
AC Current (TRMS, Auto-Ranging)		0 to 100A
Resolution	10A	0.001A (1mA)
	100A	0.01A (10mA)
Accuracy	50 to 60Hz	±1.2% of Reading ±5cts
	50 to 500Hz	±2.5% of Reading ±5cts
	500Hz to 3kHz	±3.5% of Reading ±10cts
AC Voltage (TRMS)		0 to 600V
Accuracy	50 to 60Hz	±1.0% of Reading ±5cts
	60 to 500Hz	±1.2% of Reading ±5cts
	500Hz to 3kHz	±2.5% of Reading ±5cts
DC Voltage		0 to 600V
Resolution		0.1V
Accuracy		±1.0% of Reading ±3cts
Resistance		0 to 1kΩ
Accuracy		±1.0% of Reading ±3cts
Continuity		Buzzer activates <35Ω (0 to 1kΩ)
Frequency (Auto-Ranging)		
Function		A-Hz V-Hz
Resolution	0 to 100Hz	0.1Hz
	100Hz to 1kHz	1Hz
		5Vrms min
Sensitivity		10mA rms min
Accuracy		±0.5% of Reading ±2cts
Filter		On (50/60Hz only); Off (Full frequency range)
In-Rush		Max 100mS sample time
Power Source		Two 1.5V AAA batteries (included)

FEATURES

- Check for leakage and locate insulation breakdowns on live circuits
- Measures leakage current down to 0.1mA with up to 10μA resolution
- Measures current up to 100Arms
- Measures up to 600V_{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 in-rush value
- Zero button ideal for measuring relative values
- Filter to isolate 50/60Hz fundamental from harmonics
- Compatible with VDE 0404
- Backlight LCD display



Jaw Opening: 1.10" (28mm)
Conductor Size: 1" (26mm)

PRODUCT INCLUDES



Two color-coded 5ft test leads, carrying case, batteries and user manual.

CATALOG NO.

DESCRIPTION

2117.56

Clamp-On Leakage Current Meter Model 565
(TRMS, 60mA, 600mA, 10A, 100A, 600V_{AC/DC}, Hz, Ohms, Continuity)

LEAKAGE CURRENT METERS & PROBES

ARTIFICIAL NEUTRAL & LEAKAGE CURRENT PROBE

MODEL AN-1



Generates a momentary grounded artificial neutral to allow the measurement of fault currents on ungrounded three-phase systems

FEATURES

- Designed for ungrounded networks - provides intermittent path to ground for leakage current measurements
- Works from 30 to 600VAC
- Red LED phase voltage indicators
- Switch selectable ground fault cycling of 500mS or 2.3 seconds
- Buzzer alerts each momentary fault
- Battery operated
- Double insulated, fire retardant case
- Four color-coded 5ft 1000V rated leads supplied with alligator clips
- Works with Model 2620 and other leakage current probes

SPECIFICATIONS

MODEL	AN-1
ELECTRICAL	
Working Voltage	30 to 600V
Frequency	45 to 65Hz
Resistance Per Phase	3.9k Ω \pm 5%
Relay Duty Time	Slow position: 500mS / Fast position: 2.3 seconds
Power Source	12VDC - Eight 1.5V AA batteries (included)
Power Consumption	180mA
Battery Life	Approx. 40 hours of use
MECHANICAL	
Dimensions	8.7 x 5.4 x 5.9" (220 x 136 x 150mm)
Weight	2.9lbs (1.3kg)
Case	Fire resistant polycarbonate UL94 V0
ENVIRONMENTAL	
Reference Temperature	73.4° \pm 5°F (23° \pm 3°C)
Operating Temperature	32° to 122°F (0° to 50°C); 10 to 90% RH (non-condensing)
Storage Temperature	-40° to 158°F (-40° to 70°C); 10 to 90% RH (non-condensing)



CATALOG NO.	DESCRIPTION
1971.01	Artificial Neutral Model AN-1

LEAKAGE CURRENT METERS & PROBES

AC CURRENT PROBES

MODEL 2620

Check for leakage and locate insulation breakdowns on live circuits



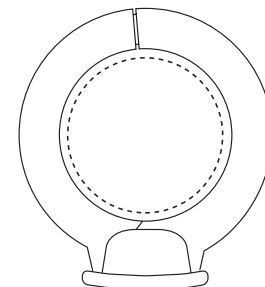
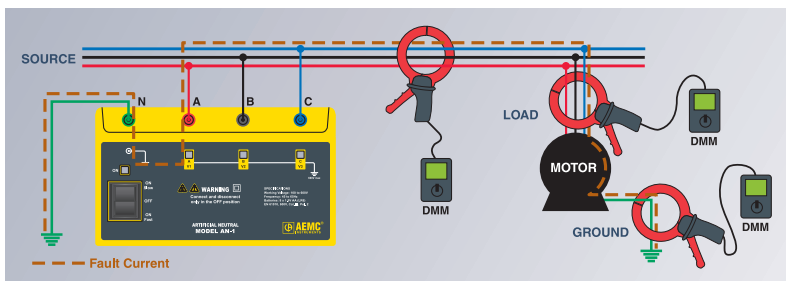
SPECIFICATIONS

MODEL	2620	
ELECTRICAL		
	4A Range	400A Range
Current Range	500µA to 4A	500mA to 400A
Output Signal	1mV/mA (4V max)	1mV/A (400mV max)
Accuracy		
500µA to 10mA	±3% of Reading ±1mV	-
10 to 100mA	±0.5% of Reading ±0.5mV	-
100mA to 4A	±0.5% of Reading ±0.5mV	-
500mA to 10A	-	±0.5% of Reading ±0.5mV
10 to 100A	-	±0.35% of Reading ±0.5mV
10A to 400A	-	±0.35% of Reading ±1mV
Phase Shift		
500µA to 10mA	<15°	-
10 to 100mA	<10°	-
100mA to 4A	-	<1°
500mA to 10A	-	<0.6°
Load Impedance	1MΩ min	1MΩ min
Frequency Range	48 to 1000Hz	48 to 1000Hz
MECHANICAL		
Dimensions	11.22 x 6.89 x 1.77" (285 x 175 x 45mm)	
Weight	2.87lbs (1.3kg)	



FEATURES

- Very high sensitivity
- Differential or leakage current from 500 μ A
- Current up to 400A
- Two switch-selectable measurement ranges: 4Aac/400Aac
- Large inside jaw diameter allows use on large or multiple conductors
- Works with single-, dual- and three-phase systems
- Connect directly to DMMs on mV or VAC range



Jaw Opening: 4.4" (112mm)
Conductor Size: 4.4" (112mm)

CATALOG NO. DESCRIPTION

2125.52 Leakage Current Probe Model 2620 (4A-1V/A, 400A-1mV/A output)