

# LEAKAGE CURRENT METERS AND PROBES

## TRMS Clamp-On Leakage Current Meter

Special product features

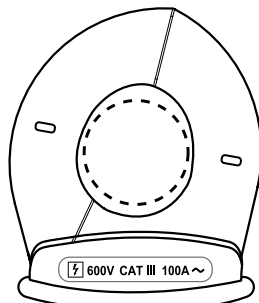
10µA RESOLUTION

MEASURES V, A & Ω

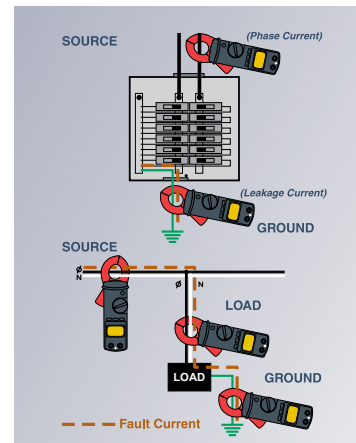
MEASURES FREQUENCY & CONTINUITY

### Model 565

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



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



#### ► 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<sub>AC/DC</sub>
- 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 display

#### ► SPECIFICATIONS

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



#### ► PRODUCT INCLUDES

Two color-coded 5 ft 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<sub>ac/dc</sub>, Hz, Ohms, Continuity)



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