

Amprobe AC Leakage Current Clamp-On Meter

- Five Current Ranges to 100A
- Resolution to 10 μ A
- Measures AC Volts, Resistance
- Min/Max, Data-Hold, Audible Continuity Test
- 1.18" (30 mm) Jaw Size
- Bargraph Indication of Fluctuation
- Overload and Overvoltage Protection



DLC-100 ▲

The 23527E clamp-on meter measures down into the low milliamp range, and is designed for detecting leakage current in 50/60 Hz distribution systems. It's ideal for early warning of impending problems or for indication of immediately dangerous conditions such as conductor insulation breakdown in conduit, motors, compressors, or any other equipment on the circuit.

Each Unit Includes: Two AA 1.5V alkaline batteries, test lead set, soft vinyl case, and instruction manual.

Ordering Information

Order #	Mfg #	Description	Price
MP23527E	DLC-100	AC Leakage Current Clamp-On Meter	

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL

Specifications

	Range	Resolution	Accuracy	
AC Current:		50/60 Hz	40 Hz–1 kHz	
	0–40 mA	10 μ A	$\pm 1\%$ rdg ± 3 dgts	$\pm 1.5\%$ rdg ± 5 dgts
	0–400 mA	100 μ A	$\pm 1\%$ rdg ± 3 dgts	$\pm 1.5\%$ rdg ± 5 dgts
	0–4A	1 mA	$\pm 1\%$ rdg ± 3 dgts	$\pm 1.5\%$ rdg ± 5 dgts
	0–40A	10 mA	$\pm 1\%$ rdg ± 3 dgts	$\pm 1.5\%$ rdg ± 5 dgts
	0–80A	100 mA	$\pm 2.5\%$ rdg ± 10 dgts	$\pm 2.5\%$ rdg ± 10 dgts
0–100A	100 mA	$\pm 9\%$ rdg ± 10 dgts	$\pm 9.5\%$ rdg ± 10 dgts	
AC Voltage:	0–400V	0.1V	$\pm 1\%$ rdg ± 3 dgts	$\pm 2\%$ rdg ± 1 dgt
Resistance:	0–400 Ω	0.1 Ω	$\pm 1\%$ rdg ± 3 dgts	$\pm 1\%$ rdg ± 3 dgts
			(throughout range)	(throughout range)
Power Supply:	Two AA alkaline batteries			
Instrument Size:	8.3 x 2.4 x 1.4" HWD (210 x 62 x 35.6 mm)			
Weight:	7.14 oz (200g), with batteries			

Megger Clamp-On AC Current Leakage Tester

- Precheck Ground Systems
- 30 mA to 300A Ranges
- 0.01 mA Resolution for Minute Leakage Currents
- Analog Bargraph Lets You See Current-Flow Dynamics
- Data-Hold Captures Hard-to-Read Measurements



▲ **DCM300E**

Designed primarily to measure earth leakage current down to the sub-milliampere range, this is a valuable addition to your tool kit. And, since it also measures up to 300A, you'll be able to use it for most of your other current measurements.

Dual Purpose—Stand-alone Testing or

Pre-Checks of Ground Systems

Whenever you have unexplained electrical disturbances, unsatisfactory equipment operation, or inconsistencies in your electrical system, start your investigation with the 23363E. Use it anywhere around your plant or site: just clamp it around a cable or bus bar, and take your reading.

You also should use it before you make any ground-resistance test. Clamp it around the ground rod or conductor to see, within seconds, if there's any leakage current flowing to ground.

Ideal for GFCI Circuits

When RCDs or GFCIs are tripping regularly, use the meter to determine if the device itself is faulty, or if excessive leakage current is causing the tripping, in which case the installation needs to be checked or the device updated.

Each Unit Includes: Two 1.5V button-cell batteries, carrying case, and instruction manual.

Specifications

Ranges:	0 to 30 mA, 300 mA, 30A, 300A
Min. Resolution:	0.01 mA, 0.1 mA, 0.01A, 0.1A (relative to range)
Accuracy:	$\pm 1.2\%$ rdg ± 5 digits (mA ranges and 0 to 200A)
Withstand Voltage:	3700V AC, 1 minute max
Jaw Capacity:	1 $\frac{3}{5}$ " (40 mm)
Power Supply:	Two 1.5V button cells, LR44 or SR44; approx. 50-hr. life (LR44)
Safety:	IEC1010-1 and IEC1010-2-032
Size:	2 x 7 x $\frac{9}{10}$ " HWD (64 x 176 x 23 mm)
Weight:	4.4 oz (125g)

Ordering Information

Order #	Mfg #	Description	Price
MP23363E	DCM300E	Clamp-On Current Leakage Tester	

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL

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Electrical Test Instruments