

Fluke 360 AC Leakage Current Clamp Meter

General Specifications	
Method of detection	Mean value
Display	Digital display: 3200 counts Bar-graph display: 32 segments, LCD
Measurement Cycle	2 times/second (Digital display), 12 times/second (Bar-graph display)
Range switching	Auto-range
Ambient temperature and humidity	0 °C to 50 °C, 80 % R _H or less (no condensation)
Temperature coefficient	0.05% of range/°C or less (within the ranges of 0 °C to 18 °C and 28 °C to 50 °C for measurement of 0-50 A)
Influence of external magnetic field	0.0005% typical
Influence of conductor position	Within accuracy
Circuit voltage	<300 Vrms
Safety standard	EN 61010-1, EN 61010-2-032, 300 V CAT II, Pollution Degree 2
Withstanding voltage	3.7 kV ac
Battery type	1 x 3 V Lithium battery (button cell) CR2032
Battery life	Approx. 90 hours (when continuously used)
Auto power-off	Approx. 10 minutes
Diameter of measurable conductor	40 mm max.
Weight	200 g
Dimension	176 mm x 70 mm x 25 mm
Operating altitude	2000 m
Electrical Specification	
Specifications at	23 ± 5 °C, 80 % RH max
Accuracy	(% readout + value of least significant digit)
3 mA	Resolution: 0.001 mA Accuracy: 1% + 5 Max Permissible current: 60 A rms
30 mA	Resolution: 0.01 mA Accuracy: 1% + 5 Max Permissible current: 60 A rms
30 A	Resolution: 0.01 mA Accuracy: 1% + 5 Max Permissible current: 60 A rms
60 A	Resolution: 0.1 mA Accuracy: 5% + 5 Max Permissible current: 60 A rms
Mean value detection and rms-value calibration	Accuracy specified at: 50/60 Hz