



i1000s AC Current Probe



Large AC Current Probe

The Fluke i1000s is a clamp-on ac current probe designed to expand oscilloscope applications in industrial and power environments. The Current Probe (shown in figure) provides the following features: Ideal for measuring distorted current waveforms and harmonics.

- Allows accurate measurement of currents from 100 mA to 1000 A rms, 5 Hz to 100 kHz without breaking into the circuit
- A passive filter eliminates noise and ring on rapidly rising di/dt waveform, ensuring accurate screen displays
- Connects directly to an oscilloscope through a reinforced coaxial cable and an insulated BNC connector
- Can be used with Multimeters with optional PM9081/001 BNC/Banana adapter
- One year warranty

Model Name	Description	
i1000s	AC Current Clamp (1000 A)	

i1000s AC Current Probe

Specifications	
Nominal current range	10 A 100 A 1000 A
Continuous current range	0.1 A - 10 A 0.1 A - 100 A 1 A - 1000 A
Maximum Non-Destructive Current	2000 A
Lowest measurable current	0.1
Basic Accuracy	1% + 1 A (48-65 Hz) (% reading + floorspec)
Useable frequency	5 Hz - 100 kHz
Output level(s)	100 mv/A 10 mv/A 1 mv/A

Safety Specifications	
Safety	CAT III, 600 V CAT IV, 300 V
Maximum voltage	600 V AC

Mechanical & General Specifications	
Warranty	1 year
Maximum conductor diameter	54 mm
Output cable length	1.6 m
BNC Adapter	Yes

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