

Fluke 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. Ideal for measuring distorted current waveforms and harmonics. This Current Probe provides the following features:

- 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

| 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 |

