

TECHNICAL DATA

Fluke i800 AC Current Clamp Probe



Key features

- Measures AC current from 100 mA to 800 A rms
- 30 Hz to 10 kHz frequency range
- CAT III 600 V rating
- Accepts up to 54 mm (2.1 in) diameter conductor size
- 1000:1 conversion factor for easy calculation
- Rugged positive action design

Product overview: Fluke i800 AC Current Clamp Probe

The Fluke i800 AC Current Clamp is designed for use with multimeters, recorders, safety testers, etc., for accurate non-intrusive AC current measurement. It extends the current measuring capability of a digital multimeter to 800 A AC. It is compatible with digital multimeters that accept shrouded 4 mm (0.16) banana plugs and has an AC milliamp range.

Specifications: Fluke i800 AC Current Clamp Probe

Specifications	
Nominal current range	800 A rms

Continuous current range	100 mA to 800 A rms
Maximum non-destructive current	1500 A rms (50/60 Hz)
Lowest measureable current	100 mA
Basic accuracy	±1% of reading
Useable frequency	30 Hz - 10 kHz (-3dB)
Output level(s)	1 mA / A
Safety Specifications	
Safety	CAT III 600 V
Maximum voltage	600 V AC rms or DC
Mechanical and General Specifications	
Warranty	1 year
Maximum conductor diameter	54 mm (2.13 in)
Output cable length	1.6 m (63 in)
Lead connector	Shrouded banana plugs

Ordering information



Fluke-i800

AC Current Clamp Probe

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Fluke Corporation

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