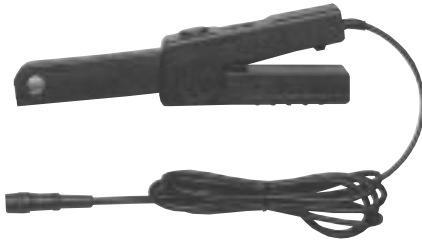


Current Clamps

Precision Designed for Measurement Oscilloscopes and Power



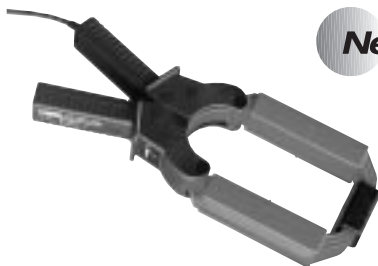
80i-110s



80i-500s



80i-1000s



i3000s

New

Accessories and Ordering Information

Ordering Information

80i-110s AC & DC Current Probe for Oscilloscopes

80i-500s AC Current Probe for Oscilloscopes

80i-1000s AC Current Probe for Oscilloscopes

i3000s AC Current Probe for Scopes and

Accurate current measurements are critical to resolving power quality problems in commercial and industrial power distribution systems. Fluke now offers two clamp-on ac current probes and one ac/dc current probe that boost the performance of any oscilloscope or voltage input device capable of millivolt measurements.

80i-110s

- An optional accessory for the Fluke 39/41B and for Fluke ScopeMeter® test tools
- Measures ac and dc current in 2 ranges from 0 to 100A. The best accuracy is 3% and frequency response is dc to 100 kHz.

80i-500s

- An included accessory for the Fluke 39 and 41B Power Meters and an optional accessory for Fluke ScopeMeter® test tools
- AC current capacity of up to 500A rms, with best accuracy of 2% from 45 Hz to 65 Hz

80i-1000s

- An optional accessory for the Fluke 39 and 41B Power Meters and for Fluke ScopeMeter® test tools
- Measures ac current from 100 mA to 1000A rms continuous (2000A instantaneous peak)

i3000s

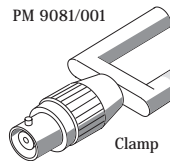
- An optional accessory for Fluke DMMs, PowerMeter ScopeMeter test tools
- Measures ac current from 2400A RMS continuous
- PM9081/001 BNC to bar included

Safety designed

The 80i-500s, 80i-1000s rated for 600V ac circuits Category III (and 300V ac Overvoltage Category IV),

The 80i-110s is rated for of Overvoltage Category II circuits of Overvoltage Cat IEC 1010.

PM 9081/001



Clamp

PM 9081/001 Adap

Safety Designed Dual Ban: Female BNC Adapters. Ena 80i-110s, 80i-500s, 80i-1000s to be used with digital multimeters. Comes standard with i3000s, optional with other

Specifications

	80i-110s	80i-500s	80i-1000s	i3000s
AC Current Ranges	.1A to 100A DC & AC RMS continuous (140A peak) 2 Ranges: 0-10A & 0-100A	1A to 500A AC RMS (to 700A RMS for maximum of 10 minutes)	.2A to 1000A continuous (2000A peak)	1 to 40 ma 3 r 1-5
Accuracy	0.05A to 100A, 3% of reading, DC to 5 kHz, 12% of reading from 5 kHz-20 kHz	100A to 500A, ±2% of reading; 20A to 100A, ±5% of reading; 1A to 20A, ±5% of reading + 0.3A	0.5A to 1000A, 2% of reading; 0.1A to 10A, 3% of reading ±50 mA	1-5 + C 1-5 + C 1-5 rea
Usable Frequency Range (with current derating)	DC to 100 kHz	5 Hz to 10 kHz	5 Hz to 100 kHz	10
Working Voltage	600V RMS clamp jaws to ground	600V AC RMS clamp jaws to ground	600V AC RMS clamp jaws to ground	600V jaw
Common Mode Voltage (Float Voltage)	600V DC or AC at output cable and connector to ground	600V AC RMS at output cable and connector to ground	600V AC RMS at output cable and connector to ground	600V out cor
Maximum Conductor Diameter	11.8 mm	30 mm	54 mm	64 ma 100
Output Levels	10 mV/Amp and 100 mV/Amp	1 mV/Amp	1 mV/Amp, 10 mV/Amp and 100 mV/Amp	10 0.1
Output Cable	1.6m BNC termination. Cable and BNC rated to 600V RMS for enhanced safety	1.6m BNC termination. Cable and BNC rated to 600V AC RMS for enhanced safety	1.6m BNC termination. Cable and BNC rated to 600V AC RMS for enhanced safety	2.1 Cal 600V enl (fer ad:
Size	36 mm H x 231 mm L x 67 mm W	196 mm L x 66 mm W x 33 mm D	206 mm L x 105 mm W x 48 mm D	310 x 4