

AC/DC Current Clamp

10mA to 800A A DC, Up to 5KHz

CC-800



Rear

Front

Feature

- AC/DC frequency range: Up to 5KHz.
- Effective Measurement Range: 10mA to 800A DC.
- It is a transducer which allows your multimeter to measure current data and enable your oscilloscope to measure the current waveform.
- Its current transducer is composed by permalloy and hall element, which linearly transform the AC or DC current to AC or DC current voltage. And if connect to an oscilloscope by BNC type connector, you're able to observe the current waveform; If connect to a multimeter by banana type connector, you can obtain the current data.

Application

- ✓ Power circuit measurement and malfunction analysis.
- ✓ Motor drive of frequency converter (or other electronics) measurement.
- ✓ Power electronics equipment measurement.

Specification

Model	CC-800	
DC Current Accuracy	10mV/1A	$\pm(1.5\% \pm 0.5A)$ 1A - 40A
	1mV/1A	$\pm(1.5\% \pm 0.5A)$ 1A - 800A
AC Current Accuracy	10mV/1A	$\pm(2\% \pm 0.5A)$ 1A - 40A (50Hz - 500Hz)
	1mV/1A	$\pm(2\% \pm 0.5A)$ 1A - 500A (50Hz - 5KHz)
Captured Conductor Size	Max. 30mm	
Loads Impedance	10 K Ω typical	
Low Battery Indicator	Red LED lighting	
Operating Temperature	0°C to 50°C 70% R.H.	
Storage Temperature	-20°C to +70°C, 80% R.H.	
Battery Type	9V DC, NEDA 1604, 6F22, 0006P	
Battery Life	100 hours typical with alkaline	
Weight	290g typical	
Dimensions	178mm (H) x 70mm (W) x 33mm (D)	
Output	Supplied with coil cable with straight banana plug or BNC plug.	