

GCP-100

FEATURES

- Bandwidth : DC ~ 100kHz
- Measurement Range : 50mA ~ 10A and 1A~100A
- Accuracy : $\leq 3\%$ (50mA ~ 10A) ,
 $\leq 4\%$ (1A ~ 100A)
- AC + DC Measurement : True RMS

勝特力材料 886-3-5753170
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[Http://www.100y.com.tw](http://www.100y.com.tw)



The GCP-100 is a Clamp-Type Probe Designed to Measure AC and DC Current waveforms. The Current Measurement Ranges from 50mA to 100A.

Clamp to Measure : Safe and Easy

To perform current waveform measurement, just clamp the jaw around the conductor-under-test and connect its lead to the BNC input of an oscilloscope. Breaking the circuit and connecting an ammeter in series is no longer necessary.

Current Measurement from DC to 100kHz for Various Instruments

Using the combination of a Hall-effect sensor and an AC current transformer, the GCP-100 provides accurate measurement from DC to 100kHz. The dual measurement range spans 50mA~10A and 1A~100A. In addition to oscilloscopes, the GCP-100 can also be connected to multimeters and data loggers.

APPLICATIONS

- Harmonic Current Measurement
 - Inrush Current Measurement
 - Current Ripple and Noise Measurement
- Power Quality Analysis

SPECIFICATIONS	
	GCP-100
Bandwidth	DC ~ 100kHz
Max. Cable Dimensions	Ø 11.8mm
Measure Range	50mA ~ 10Apeak 1A ~ 100Apeak
Ratio	1A / 100mV 1A / 10mV
Accuracy	≤ 3% (50mA ~ 10A peak) ≤ 4% (1A ~ 100A peak)
Dimension	231(W) x 67(H) x 36(D) mm win core lesd (coaxial) 2m ended by a BNC plug insulated and moulded
Weight	330g with battery
Jaw Opening	12.5 mm maximum
Protection	- Degrees of protection : IP 20 to IEC 529 - Protection from shocks : 100G, 6ms, half-cycle, to IEC 6S-2-27 Drop height from all angles : 1m - Resistance to vibrations : 10/55/10Hz 0.15mm to IEC 68-2-6 - Bumps : 40G, 6ms, 4000bumps, to IEC 6S-2-29

ORDERING INFORMATION	
GCP-100	100kHz / 100A AC / DC Current Probe

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