

**RoHS
Compliant**



Application

- Power circuit measurement and fault analysis.
- Motor drive of frequency converter (or other electronic device) measurements.
- Power electronics devices measurements.

Features

- The multi-meter and oscilloscope allow direct measurement of DC current up to 800A and AC current up to 500A with the AC/DC current probe without breaking the current loop or peeling the insulation layer.
- A current sensor consisting of permalloy and hall elements linearly converts DC or AC current into DC or AC voltage.
- AC frequency range: 0-5KHz, 1A - 500A.
- DC frequency range: 1A to 800A.
- 1mV/A: 1A to 500A, RMS AC.
- 10mV/A: 1A to 40A, DC or RMS AC.

Specification

Model	MP701073	
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	
Cable Length	98cm	
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	244g typical	
Dimensions	175mm (H) \times 78mm (W) \times 33mm (D)	
Output	Supplied with coil cable with BNC plug	

Part Number Table

Description	Part Number
AC / DC Current Probe with BNC Connector	MP701073

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