

MH60

Isolated current probe for oscilloscopes



View AC and DC currents in the field or in the lab!

- › Up to 100 A
- › 26 mm clamping diameter
- › 1 MHz bandwidth
- › Rechargeable battery
- › Power supply and recharging via standard 5 V μ USB



600 V
CAT II

300 V
CAT III

Measure up



MH60 Isolated AC and DC current probe for oscilloscopes

Without opening the circuit, simply clamp and measure!

The quick, practical MH60 probe can be used for wide-band AC and DC current measurements thanks to its dual Hall effect / transformer technology.

The MH60 probe can be powered either via its μ USB port connected to an oscilloscope, via a mains adapter or via its internal rechargeable battery combined with an automatic standby function which can be deactivated.

To make it simpler to use, the MH60 probe is equipped with:

- an automatic "ZeroDC" system allowing you to compensate magnetic and electronic drift.
- a built-in magnetometer to overcome the influence of the clamp's position in the presence of the earth field and other constant fields
- a switchable low-pass filter



View and check

When installing or maintaining electrical or electrotechnical equipment, the MH60 can be used to view the currents in order to check, for example:

- the command signals in power electronics (PWM)
- the quality and efficiency of a DC / AC converter
- activation / deactivation of the equipment in a vehicle



MH60 TECHNICAL SPECIFICATIONS

| | | | |
|-----------------------------|---|--------------|---|
| Measurement range* | 10 mA to 100 A RMS or DC (140 A peak) | Power supply | Internal NiMh rechargeable battery (approx. 8-hour battery life) or 5 VDC external via female μ USB type B connection |
| Output signal | 10 mV/A | Safety | IEC 61010-1, IEC 61010-2-032, 300 V CAT III / 600 V CAT II |
| Bandwidth | 1 MHz | Dimensions | 138 x 49 x 28 mm |
| Switchable low-pass filters | none / 30 kHz / 3 kHz | Weight | Approx. 200 g (with cable and rechargeable battery) |
| Rise time from 10 to 90% | 350 ns | | |
| Clamping diameter | 1 cable with \varnothing 26 mm | | |
| Connections | Built-in cable 2 m long with moulded isolated male BNC plug | | |

*From 60 kHz, limitation of the current measurement range according to the frequency

TO ORDER

MH60 isolated AC and DC current probe for oscilloscopes delivered with a 100 V-240 V 50/60 Hz mains adapter, 1 USB / μ USB power cable, 5-language user manual

..... **P01120612**

Replacement parts

NiMh rechargeable battery **P01296049**

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