

Current probe ... 5/50 A

- AC/DC current clamp probe is an accessory for Multi-Diag Scope, which is able to measure the electrical current flow up to 50 A (AC and DC), in frequency range up to 5 kHz.
- During current measuring by this current probe, it is not necessary interrupt the circuit or break the isolation.
- Extended measuring jaws allow measurements in tight spaces.
- The probe is powered directly from Multi-Diag Scope, so there is no need to use a battery.
- The switch on the current probe is used for switching from 5 A / 50 A ranges.
- In case of direct current measuring, the polarity of output voltage depends on connection of current probe into the measured circuit. Direction of the current is indicated by arrows on the probe.
- Measuring of direct current is influenced by "DC magnetization of the core" due to the stray magnetic fields. Therefore, it must sometimes make even the reset switch range. This is done in digital ammeter in Multi-Diag Scope or press the reset button right on the current probe. At the time of resetting the jaw must be closed and the current probe must be outside the wire.



General specification

- Applicable wire size: maximum diameter 9 mm
- Operating temperature: 0 °C to 50 °C
- Weight: 290 g
- Dimensions (mm): 195 (height) x 70 (width) x 33 (depth)

Electrical specification (at 23 ± 5 °C, relative humidity max. 70 %)

- Accuracy:
 - DC: 0 A to 5 A ± 1,5 % of RV ± 0,005 A
0 A to 50 A ± 4 % of RV ± 0,2 A
 - AC: 0 A to 3,5 A ± 2 % of RV ± 0,005 A 40 Hz to 2 kHz
0 A to 35 A ± 8 % of RV ± 0,2 A 40 Hz to 5 kHz

RV: reading value