

20A Current Sensors for Oscilloscopes



This probe allows users to view the waveform (instantaneous output) and the variation of the RMS current (RMS output).

- "Hall Effect" sensor for **measurement of AC and DC currents**
- **Measurement of low current**, from 3mA to 20A
- **Bandwidth 60 kHz**
- A switch on the probe allowing **2 measurement types**:
 - **Instantaneous measurement** (traditional)
 - **RMS measurement** (picture of RMS current value)
- **Monitoring of RMS current variations** (e.g. inrush current of motor)
- Long, narrow shape to limit the size of the jaws

New

Innovative

Convenient

Technical specifications	
Electrical specifications	
INST measurement range	3 mA to 20 A _{dc} or peak or 14 A _{ac}
Accuracy in INST mode	± 1.5 % ± 3 mA
RMS measurement range	30 mA to 20 A _{RMS}
Accuracy in RMS mode	± 2 % ± 30 mA
Output voltage for I=0	Rotary switch for zero DC setting
Bandwidth / Rise time – Integration time	60KHz / 6µs (INST) - 200ms (RMS)
Transformation ratio (input/output)	100 mV/A
Mechanical specifications	
Max. conductor size	11.8 mm max
Measurement cable	2m shielded cable with BNC connector
Specifications	
Power supply / Battery life	9V battery / 20 hrs (HX0102) Mains adapter (HX0102-K)
Electrical safety	IEC61326-1 (Ed.97) + A1 (Ed.98) IEC61010-2-032 (Ed.2 2003) 600V / CAT. II – 300V / CAT. IV
Accessory	230V / 50Hz mains adapter (P01101965)



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