

ACCESSORIES

HX0061 In-Vehicle Charger

The HX0061 enables the **SCOPIX** to be powered by a vehicle battery. This accessory is connected to the standard **SCOPIX** power supply. It is ideal for users on the move, allowing them to recharge the instrument's battery in their vehicle between two series of measurements.



Max. input voltage	10 V _{DC} to 60 V _{DC}
Output voltage	115 V _{DC} to 160 V _{DC}
Power supplied	32 W max.
Protective fuses	2 fuses: 5 x 20 – 0.63 A – 250 VT
Reference standard	European directive 2004/104/CE-2004

HX0063 Spare SCOPIX Battery Kit

This accessory can be used to recharge a **SCOPIX** battery after removing it from the instrument. This kit comprises a battery/external charger transition connector and a spare NiMh battery. The HX0063 can be connected to the external battery charger (**SCOPIX** external power supply) delivered as standard with the **SCOPIX**.



HX0071 Industrial Accessories Kit



References for ordering

HX0030A	1/10 - 250 MHz current probe	HX0061	10-60 V _{DC} in-vehicle charger
HX0031	Probix / BNC adapter	HX0063	Scopix spare battery kit (NiMh 9.6 V battery pack and a battery/charger transition connector)
HX0032	Probix / BNC 50 Ω adapter	HX0071	Industrial accessories kit for HX0030 and HX0030A
HX0033	Probix / banana adapter	HX0072	AmpFLEX current probe 5 A - 3,000 A / 200 kHz
HX0034	0.02 A - 60 A / 1 MHz current clamp	HX0073	MiniAmpFLEX current probe 1 A - 300 A / 3 MHz
HX0035	Probix / K thermocouple adapter		
HX0036	Probix / Pt100 probe		



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For assistance and ordering

The **Scopix®** portable oscilloscopes use patented **ProbiX** accessories which benefit from **active safety**.



- **Quick, error-free measurement**
- **Safety message at connection**
- **Scaling and units managed automatically by the *ProbiX* system**
- **Active sensors powered by the Scopix**

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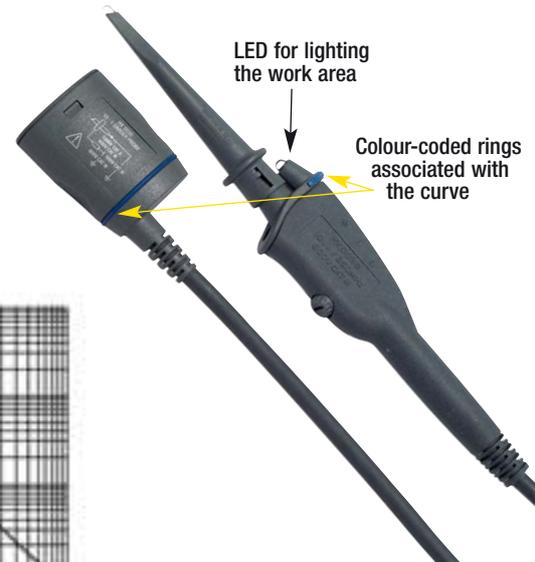
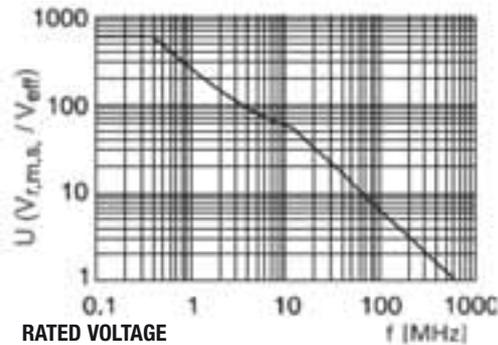
PROBIX VOLTAGE MEASUREMENT

HX0030A

1/10 voltage probe

The HX0030A probe allows you to read the measurements directly by means of automatic scaling and choice of the measurement unit (no adjustments on the **SCOPIX** analyser-oscilloscope). It is equipped with 2 configurable buttons for remote control of a **SCOPIX**.

Attenuation	1 : 10
Bandwidth	DC at 250 MHz
Input capacitance	15 pF
Compensation range	±1 % (V DC)
Rise time	12 ns
Input impedance	10 MΩ
IEC 61010-031 safety	1,000 V Cat. II / 600 V Cat. III



PROBIX CURRENT MEASUREMENT

HX0034

0.02 A – 60 A_{RMS} / 1 MHz current clamp

The HX0034 clamp-on ammeter uses a Hall-effect cell to measure DC or AC currents up to **80 A peak**, without intervention on the electrical installation. Its internal electronics are powered by the oscilloscope via the connection cable. The measurement output is fully isolated to ensure safety. It is equipped with 2 configurable buttons for remote control of a **SCOPIX**. The DC offset is applied automatically by pressing a button.



HX0072

AmpFLEX current probe 5 A - 3,000 A_{RMS} / 200 kHz

The HX0072 is a **Probix** AmpFLEX sensor designed to measure AC currents up to 3,000 A_{RMS} in the context of power transmission and machinery.

HX0073

MiniAmpFLEX current probe 1 A - 300 A_{RMS} / 3 MHz

The HX0073 is a **Probix** MiniAmpFLEX sensor for measuring AC currents up to 300 A_{RMS} on switchboards or power electronics.



PROBIX Current measurement

Model	HX0034	HX0072	HX0073
Measurement range	0.02 A to 60 A RMS or 80 A DC	5 A to 3,000 A RMS	1 A to 300 A RMS
Bandwidth	500 kHz at -1 dB • 1 MHz at -3 dB	10 Hz to 200 kHz	10 Hz to 3 MHz
Accuracy	1.5 % ± 2 mA (< 45 A peak)	1 % ± 0.5 A	1 % ± 70 mA
Clamping diameter	20 mm	240 mm	35 mm
Cable length	1.2 m	2 m	2 m
Rise time	350 ns	1.5 μs	< 110 ns
Phase shift	± 1°	1.3° max (1° typ.)	1.3° max (1° typical.)
IEC 61010-2-32 electrical safety	600 V Cat. II • 300 V Cat. III	1,000 V Cat. III • 600 V Cat. IV	1,000 V Cat. III • 600 V Cat. IV

PROBIX ADAPTERS

A large number of adapters are available to allow the use of a wide range of leads.

HX0031

Adaptateur Probix / BNC

250 MHz bandwidth
1,000 V Cat. II • 600 V Cat. III



HX0032

50 Ω Probix BNC Adapter

250 MHz bandwidth
Max. power 2 W



HX0033

Probix / Banana Adapter

1,000 V Cat. II • 600 V Cat. III



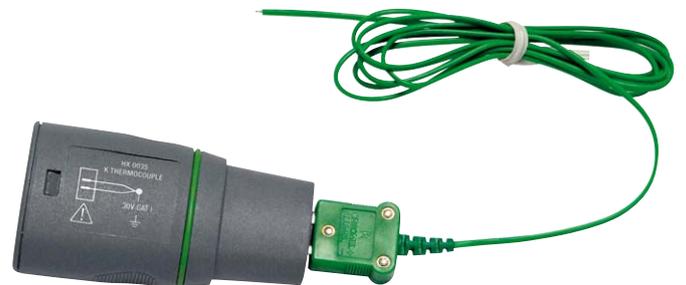
PROBIX TEMPERATURE MEASUREMENT

Model	HX0035	HX0036
Measurement range	-40 °C to +1250 °C	-100 °C to +500 °C
Accuracy	±1 %, ± 3.5 °C typ.	±1 %, ± 1.5 °C typ.
IEC 61010 electrical safety	30 V Cat. I	30 V Cat. I

HX0035

Probix / K Thermocouple Adapter

The HX0035 is an adapter for linearizing the temperature measurements from a K thermocouple (option). The ratio, cold-junction compensation and unit are managed automatically by **SCOPIX**.



HX0036

Probix / Pt100 Probe Adapter

The HX0036 is a **Probix** adapter for linearizing the temperature measurements from a Pt100 platinum probe. The voltage ratio and unit are managed automatically by **SCOPIX**.

