

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**

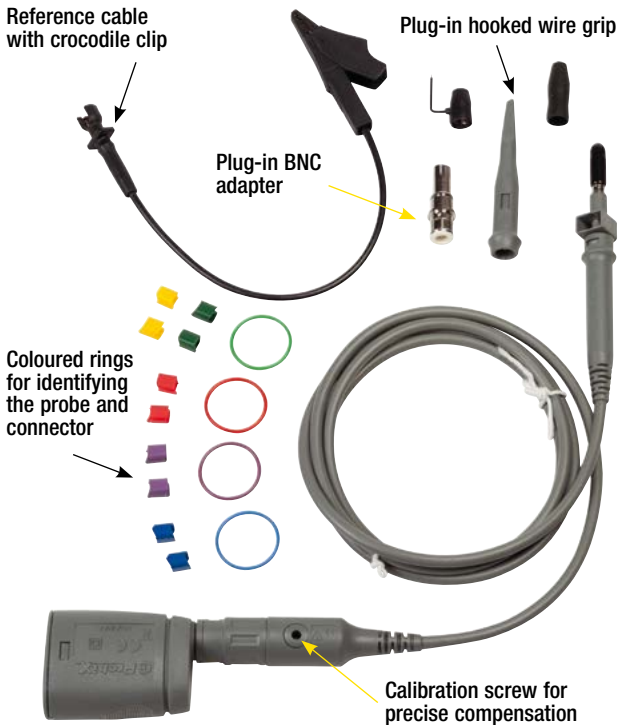
A Brand of

PROBIX VOLTAGE MEASUREMENT

HIGH FREQUENCY

HX0130

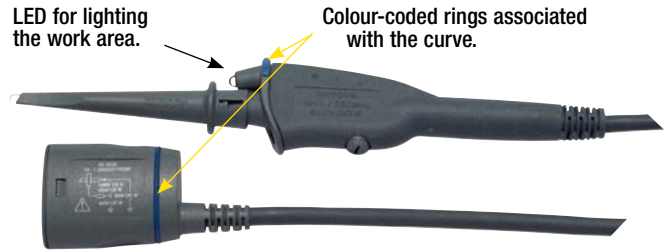
1/10 - 500 MHz - 300 V Cat II
electronic voltage probe



HX0030B

1/10 - 250 MHz voltage probe
1,000 V Cat II • 600 V Cat. III

The HX0030B 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**.



Model	HX0130	HX0030B
Attenuation	1/10	1/10
Bandwidth	DC at 500 MHz	DC at 250 MHz
Input capacitance	11 pF	15 pF
Accuracy	±1 % (V DC)	±1 % (V DC)
Rise time	0.9 ns	< 1.2 ns
Input resistance	10 MΩ	10 MΩ
Electrical safety	300 V Cat. II	600 V Cat. III - 1,000 V Cat II

HX0071

Industrial accessories kit

This accessories kit is for use with the HX0030B.



HX0031

Probix / BNC 250 MHz adapter
600 V Cat. III



HX0032

Probix / BNC 50 Ω adapter
30 V Cat. I

250 MHz bandwidth
Max. power 2 W



LOW FREQUENCY

HX0033

Probix / banana adapter
1/1 - 600 V Cat. III



HX0093

Probix 300 Hz-filter / banana adapter
600 V Cat. III

The HX0093 is a third-order low-pass filter with a 300 Hz cut-off frequency. It can be used to isolate the 50 Hz or 60 Hz fundamental for measurements on electric motors controlled by PWM.



HX0095

Probix / banana adapter
1/2 - 1,000 V Cat II • 600 V Cat. III

This banana adapter with its built-in divider allows you to measure voltages up to 1,000 V, a very useful feature for measurements greater than 600 V between phases performed mainly in multimeter mode.



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.

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

HX0094

Probix adapter 4-20 mA

The HX0094 banana connector adapter allows you to measure 4-20 mA loop currents by means of a built-in shunt. It is ideal for automation and process applications.



HX0096

Probix adapter BNC / 100 mV/A

The HX0096 enables you to measure currents, with direct display of the results if 100 mV/A clamps are used (low-current or high-bandwidth probes).



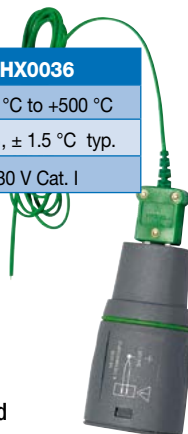
PROBIX TEMPERATURE MEASUREMENT

Model	HX0035B	HX0036
Measurement range	-40 °C to +1,250 °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

HX0035B

Probix / K thermocouple adapter

The HX0035B 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**.



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

HX0057

Fully-equipped case for Scopix

- 1/10 Probix HX0030B probe
- BNC Probix HX0031 adapter
- HX0039 straight Ethernet lead
- SX-METRO/P processing software



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 (external power supply) delivered as standard with the **SCOPIX**.



References for ordering

HX0130 Electronic voltage probe, 1/10 - 500 MHz

HX0030B ... 1/10 - 250 MHz current probe

HX0031 Probix / BNC adapter

HX0032 Probix / BNC 50 Ω adapter

HX0033 Probix / banana adapter

HX0034 0.02 A - 60 A / 1 MHz current clamp

HX0035B ... Probix / K thermocouple adapter

HX0036 Probix adapter / Pt100 probe

HX0057 Fully-equipped Scopix case

HX0061 10-60 V_{DC} in-vehicle charger

HX0063 Scopix spare battery kit (NiMh 9.6 V battery pack and a battery/charger transition connector)

HX0071 Industrial accessories kit for HX0030B

HX0072 Amp**FLEX**TM current probe 5 A - 3,000 A / 200 kHz

HX0073 MiniAmp**FLEX**TM current probe 1 A - 300 A / 3 MHz

HX0093 Probix 300 Hz-filter / banana adapter

HX0094 Probix 4-20 mA adapter

HX0095 Probix 1,000 V / banana adapter

HX0096 Probix BNC/100 mV / A adapter



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