

A high utility item combining elegant design with ease of use.

## X(per) P(rofessional) Series

# XP100

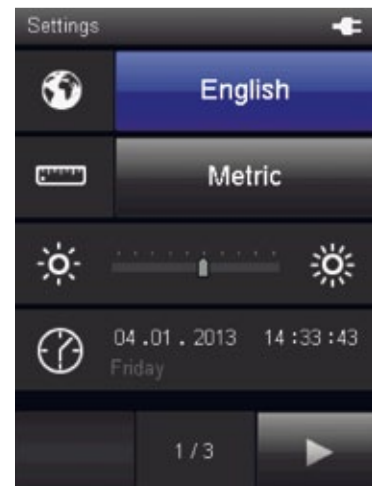
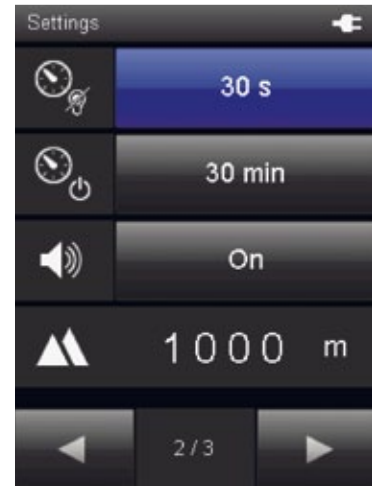
- TFT LCD , anti-glare colour display
- Capacitive touch screen
- Sampling rate 1s
- Data recording simultaneously on up to 3 channels
- Graphical analysis including standard deviation
- Integrated flash memory with space for up to 200 data blocks, or up to three hours continuous recording
- USB port for data transfer to Smartgraph 3 (included in delivery)
- Multilingual interface
- Numerous dimensions calculated
- Online firmware update

# Hand-held measuring device XP100 for measuring temperature



High-precision hand-held device for PT100 temperature sensors. Suitable for measuring tasks requiring a high degree of precision. Mini USB port with software and online data collection. 25 languages available, precise to 0.05C. Solely for use with PT100 sensors.

Hand-held device XP100		Order No.
<b>Very exact temperature measuring device (+/-0.05C). Ideal as a reference device and for comparison measurements in service or as part of ISO9000 tasks. We recommend a DAkkS calibration certificate for traceability to international standards.</b>		<b>5810.00</b>
<b>Technical data</b>	Dimensions	170x62x34 mm
	Weight	ca. 205g
<b>Storage conditions</b>	Permitted ambient temperature	-20...+60°C
	Permitted rel. humidity	<90%r.h. non-condensing
<b>Operating conditions</b>	Permitted rel. humidity	<90%r.h. (20g/m <sup>3</sup> ) non-condensing
	Permitted altitude above sea level	4,000m
<b>Power supply</b>	Power supply	4 Alkaline LR6 AA/NiMH 1.5...1.2V/USB 5V
	Active power consumption	Approx. 400mW
	Battery life passive	Approx. 1 year
	Battery life active	min. 24 hours
<b>Data storage</b>	Sensor power supply	5.5V ± 10% DC, max. 200mA
	Integrated data storage	up to 200 data/approx. 1 Mio measured values
<b>Interface</b>	USB	Cable and SmartGraph3 software included in delivery
<b>Representation</b>	Definition of measured values	2 decimal places
<b>Display</b>	Control	Touch screen, capacitive
	Technology	TFT, resolution 240x320, 65k colours, very good contrast due to Piezoresistive technology
	Surface, toughened glass	Degree of hardness: 7, scratch-resistant



Compatible sensors for XP100		Page
<b>Temperature</b>	PT100 surface probe	17
	PT100 probe	16
	PT100 probe/ immersion probe (long)	16
	PT100 food probe, stainless steel	16
	Immersion probe 300x4mm	17