

Current measurements with time chart on a high resolution display

## X(per) P(rofessional) Series

# XP400

- 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
- Current measurement via external, digital sensors
- Integrated atmospheric pressure measurement ability
- Numerous dimensions calculated
- Online firmware update



# Hand-held measuring device XP400 for measuring current



Ideal for volume measurements, air intake and air discharge measurements in climate measuring technology. Data memory and software.

Hand-held measuring device XP400			Order No.
<b>The X-pert for precise current measurements on various measurement ranges.</b>			<b>5840.00</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	
	Sensor power supply	5.5V ± 10% DC, max. 200mA	
<b>Data storage</b>	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	
<b>Calculated measurement categories for external airflow sensors</b>	Operating airflow volume - various units: (m <sup>3</sup> /s) (m <sup>3</sup> /h) (l/min)		
	Standard airflow volume: DIN 1343 (°C, 1013,25hPa), ISO 2533 (15°C, 1013,25hPa), DIN 1945 (20°C, 1013,25hPa)		
	Various units: (m <sup>3</sup> /s), (m <sup>3</sup> /h), (l/min)		



Compatible sensors for XP400		Page
<b>Current/</b>	SDI (0...2m/s)	21
<b>Temperature</b>	SDI (0...20m/s)	21