

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.
The X-pert for precise current measurements on various measurement ranges.			5840.00
Technical data	Dimensions	170x62x34 mm	
	Weight	ca. 205g	
Storage conditions	Permitted ambient temperature	-20...+60°C	
	Permitted rel. humidity	<90%r.h. non-condensing	
Operating conditions	Permitted rel. humidity	<90%r.h. (20g/m ³) non-condensing	
	Permitted altitude above sea level	4,000m	
	Power supply		
	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	
Data storage	Integrated data storage	up to 200 data/approx. 1 Mio measured values	
Interface	USB	Cable and SmartGraph3 software included in delivery	
Representation	Definition of measured values	2 decimal places	
Display	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	
Calculated measurement categories for external airflow sensors	Operating airflow volume - various units: (m ³ /s) (m ³ /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 ³ /s), (m ³ /h), (l/min)		



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