

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 |