Thermo-Anemometer PCE-423

High resolution Thermo-Anemometer to measure air velocity and temperature / Diverse measuring units can be selected / USB data cable and software for real time data transference included in the delivery

The PCE-423 Thermo-Anemometer with thermal sensor is highlighted by its good relation between price and quality. The PCE-423 Thermo-Anemometer has a high resolution to be used for different applications. This PCE-423 Thermo-Anemometer. It belongs to the the basic equipment for professionals working with ventilation systems. The PCE-423 Thermo-Anemometer is also used in institutional research and development. The thin probe (8 mm / .3 in diameter) makes it possible to use the Thermo-Anemometer in areas with a minimum range of measurement such as inside refrigeration units. Additionally, the PCE-423 Thermo-Anemometer has a telescopic probe with a max. length of 1 m / 3.3 ft. Both the USB cable and the software (included in the delivery), allow for the PCE-423 Thermo-Anemometer to be connected to a PC or laptop to transfer data continuously. Data can be stored in either txt format or csv one for further analysis.

- Measures air velocity and temperature
  - Suitable for low velocity air flow
  - multiple measurement units available
  - Large LCD display
  - Data-Hold function
  - Easy-to-use
  - Shows max. y min. values on the display
  - Solid enclosure
  - Auto shut-off to protect battery life
  - Comes with telescopic thermal probe (max. length: 1 m / 3.3 ft), software, USB data cable batteries, carrying case and user’s manual

Subject to change
### Specifications

**Measurement ranges**
- 0.1 m/s ... 25.0 m/s
- 20 ft/min ... 4925 ft/min
- 0.2 kn ... 48.5 kn
- 0.3 km/h ... 90.0 km/h
- 0.2 mph ... 55.8 mph
- 0.0°C ... 50.0°C / 32°F ... 122°F

**Resolution**
- 0.01 m/s
- 1 ft/min
- 0.1 kn
- 0.1 km/h
- 0.1 mph
- 0.1°C / 32.2°F

**Accuracy**
- Air velocity: ±5% ±1 digit (of the measurement field)
- Temperature: ±1°C / 33.8°F

**Thermal probe**
- Telescopic thermal probe
- Length unextended: 185 mm / 7.3 in
- Length extended: 1000 mm / 39.4 in
- Maximum diameter: 12 mm / 0.5 in
- Minimum diameter: 10 mm / 0.4 in

**Measurement quota**
- Approx. 0.8 s

**Display**
- LCD display
- 46.7 mm x 60 mm / 1.8 in x 2.4 in

**Interface**
- USB

**Operating conditions**
- 0°C ... 50°C / 32°F ... 122°F
- 80% H.r.

**Power**
- 9V battery

**Auto shut-off**
- After 5 min. of inactivity

**Dimensions**
- 210 mm x 75 mm x 50 mm / 8.3 in x 3.0 in x 2.0 in

**Enclosure**
- ABS plastic

**Weight**
- 280 g / < 1 lb

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**More information**

- Manual
- More product info
- Similar products

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