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

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% ±1digit (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

More information

Manual

More product info

Similar products

Subject to change