

Air and Temperature Meter PCE-VA 11



Air and Temperature Meter PCE-VA 11 for air temperature and infrared temperature / Extreme value measurement/ Measurement of air velocity and volume flow / Backlit LCD / Measurement in °C and °F / Measurement of m/s, km/h, ft/min, knot, mph

The Temperature Meter PCE-VA 11 is an extensively used measuring instrument. The temperature meter provides the opportunity to determine air speeds, air temperature and infrared temperature. The backlit LCD allows comfortable readings and facilitates use in dimly lit areas. To mount the windmill it has a thread on the back. Here it is possible to mount the wind meter on a thread. Thanks to the fast response time of the device, real-time measurement is possible without problems. The large display provides an accurate overview of the measured values and can optionally be backlit, which makes the wind meter useful even in low light conditions. Immediately after the impeller has been connected, the measurement can be started and measured values are immediately displayed on the display. Even if a specific temperature is to be measured at special measuring spots, this is possible by means of simple keystroke. The light laser serves as an orientation point. The measurement of the ambient temperature is then automatically deactivated. In addition to the wind speed, the device can also measure the airflow and the air temperature and is thus a very versatile measuring device, which can be used in different areas.

- ▶ Suitable for low air velocities
- ▶ Measuring units m / s, km / h, ft / min, knot, mph
- ▶ Large LCD
- ▶ Max and Min values
- ▶ Data Hold function
- ▶ High precision

Specifications

Display	Backlit LCD
Functions	Automatic shutdown Hold Extreme value measurement (Min / Max) Average Range Selection

Cable length 1.2 m / 3.9 ft

Power supply 9V block battery

Airspeed

Measuring m/s: 0.4 ... 30
Range ft/min: 80 ... 5900
km/h: 1.4 ... 108
MPH: 0.9 ... 67
Knots: 0.8 ... 58

Resolution m/s: 0.1
ft/min: 1
km/h: 0.1
MPH: 0.1
Knots: 0.1

Accuracy m/s: $\pm 3\% \pm 20$ m/s
ft/min: $\pm 3\% \pm 40$ ft/min
km/h: $\pm 3\% \pm 0.8$ km/h
MPH: $\pm 3\% \pm 0.4$ MPH
Knots: $\pm 3\% \pm 0.4$ Knots

Air temperature

Measuring -10 ... 60°C / 14 ... 140°F
Range

Resolution 0.1°C / 0.18°F

Accuracy $\pm 2^\circ\text{C} / 3.6^\circ\text{F}$

Infrared temperature

Measuring -50 ... 500°C / -58 ... 932°F
Range

Resolution 0.1°C / 0.18°F

Accuracy at -50 ... -20°C / -58 ... -4°F: $\pm 5^\circ\text{C} / 41^\circ\text{F}$
at -20 ... 500°C / -4 ... 932°F: $\pm 2\%$ of measured value / $\pm 2^\circ\text{C} / 3.6^\circ\text{F}$

Subject to change

