# ANEMOMETER

## PCE-VA 11



- **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**

The wind measurer is an extensively used measuring instrument. The wind measurer 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.

## Specification

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| **Speed** | |
| Measuring range | 1,4 ... 108 km/h |
| Resolution | 0.1 km/h |
| Accuracy | ±3% ±0.8 km/h |
| **Speed** | |
| Measuring range | 0,4 ... 30 m/s |
| Resolution | 0.1 m/s |
| Accuracy | ±3 % ±0.2 m/s |
| **Speed** | |
| Measuring range | 80 ... 5900 ft/min |
| Resolution | 1 ft/min |
| Accuracy | ±3% ±40 ft/min |
| **Speed** | |
| Measuring range | 0,9 ... 67 mph |
| Resolution | 0.1 mph |
| Accuracy | ±3% ±0.4 MPH |
| **Speed** | |
| Measuring range | 0,8 ... 58 Node |
| Resolution | 0.1 Node |
| Accuracy | ±3% ±0.4 knots |
| **Infrared temperature** | |
| Measuring range | -50 ... -20 °C |
| Resolution | 0,1 °C |
| Accuracy | ±5 °C |
| **Infrared temperature** | |
| Measuring range | -20 ... +500 °C |
| Resolution | 0,1 °C |
| Accuracy | ±2% of measured value / ±2 °C |
| **Infrared temperature** | |
| Measuring range | -58 ... -4 °F |
| Resolution | 0,1 °F |
| Accuracy | ±9.0°F |
| **Infrared temperature** | |
| Measuring range | -4 ... +932 °F |
| Resolution | 0,1 °F |
| Accuracy | ±2% of measured value or ±4°F |
| **Temperature** | |
| Measuring range | -10 ... +60 °C |

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|---|---|
| **General technical data** | |
| cable length | 1,2 m |
| Measuring functions | MIN, MAX, HOLD, AVG |
| Display Typ | LCD with illumination |
| Interface | Mini-USB |
| Sensor | Impeller |
| Automatic power-off | 15 min. |
| Dimensions | Impeller: Ø 72 mm / 2.8 in |
| Menu language | English (US), English (GB) |
| Protection class (device) | IP20 |
| Power supply | Battery |
| Battery/battery | 1 x 9 V 9V Block , Alkali-Manganese |
| Battery capacity | 640 mAh |
| Operating conditions | 0 ... 50 °C , 0 ... 80 (non-condensing)%RH |
| Storage conditions | 0 ... 50 °C , 0 ... 80 (non-condensing)%RH |
| Dimensions ( L x W x H ) | 206 x 95 x 45 mm |
| Weight | 313 g |

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|---|---|
| Resolution | 0,1 °C |
| Accuracy | ±2 °C |
| **Temperature** | |
| Measuring range | 14 ... 140 °F |
| Resolution | 0,1 °F |
| Accuracy | ±4.0°F |