AIR FLOW METER

PCE-A 430



- **Wind speed measurement up to 105 km/h**
- **m/s, km/h, kn, mph**
- **Temperature measurement in C° / F°**
- **Beaufort scale**
- **MAX, AVG display**
- **LC display with illumination**
- **Automatic switch-off after 15 min**
- **Cup cross - sensor**

The air flow meter enables wind speed measurements up to 105 km/h and is versatile in use. The air flow meter is equipped with an integrated temperature sensor that measures both Celsius and Fahrenheit. The functions for maximum and average wind speed enable effective monitoring of the measurement results.

The air flow meter enables measurements in various units such as m/s, km/h, kn and mph and also has a Beaufort scale for quick assessment of the wind force. The easy-to-read LCD display with backlighting ensures optimum readability in all lighting conditions. The automatic switch-off function after 15 minutes of inactivity extends the battery life to at least approx. 30 hours. The air flow meter is supplied with a practical carrying case for travelling.

Specification

Speed	
Measuring range	0,7 ... 30 m/s
Resolution	<20: 0.1 m/s / >20: 1 m/s
Accuracy	±(4 % +2 digits)
Speed	
Measuring range	2,5 ... 105 km/h
Resolution	<20: 0.1 km/h / >20: 1 km/h
Accuracy	±(4 % +2 digits)
Speed	
Measuring range	1,5 ... 67 mph
Resolution	<20: 0.1 mph / >20: 1 mph
Accuracy	±(4 % +2 digits)
Speed	
Measuring range	1,3 ... 58,3 knots
Resolution	<20: 0.1 knots / >20: 1 knot
Accuracy	±(4 % +2 digits)
Temperature	
Measuring range	-20 ... +50 °C
Resolution	0,1 °C
Accuracy	±1.5 °C
Temperature	
Measuring range	-4 ... +122 °F
Resolution	0,1 °F
Accuracy	±2.7 °F

General technical data	
Measuring functions	MAX, Average value
Units	m/s, km/h, kn, mph
Display type	LCD with backlight
Sensor	Cup cross
Automatic power-off	15 min
Menu language	English
Protection class (device)	IP20
(Rechargeable) battery	1 x 9 V 9V block , Zinc-manganese dioxide
Capacity	190 mAh
Operating conditions	-20 ... 60 °C , 10 ... 90 % RH
Storage conditions	-20 ... 60 °C , 10 ... 75 % RH
Dimensions (L x W x H)	145 x 55 x 48 mm
Weight	36,5 g