



## ANEMOMETER REA6



### Features

- The unit includes a plug-on protective cap, as well as a wrist strap for secure measurement, and enables you to take advantage of the following functions:
- Single-point averaging: provides information on the average air velocity, e.g. at air outlets
- Hold function: is used to record the current values relating to air velocity and air temperature and compare them with each other
- Max/min values: get the minimum or maximum values since the anemometer was last switched on or reset, at the touch of a button
- Illuminated display: read off your readings even in dark environments
- Selectable units: for air velocity and temperature: m/s, km/h, fpm, mph, kts, Beaufort, °C, °F and wind chill

### Description

The vane anemometer is impressive thanks to its practical pocket size and is ideal for fast check measurements. With a measuring range of 0.4 to 20 m/s, the anemometer can even be used for low flow speeds. The anemometer has a permanently mounted vane with a diameter of 30 mm. You can therefore use it for the integral measurement of air velocity at ventilation grilles (air outlets). The anemometer is practical for outdoor operation: as well as air velocity and air temperature, the testo 410-1 also calculates the Beaufort wind force and the wind chill temperature, which is the temperature perceived by a person due to wind-related cooling.

### Learning capabilities

- Investigation of the change in air momentum before and after the generator, when generating power and when not generating power.
- Examination of approach velocity and turbine rotational speed (Tachometer required)

### Technical Specification

- Temperature NTC - Measuring range: -10 to +50 °C
- Temperature NTC: Accuracy:  $\pm 0.5$  °C
- Temperature NTC: Resolution: 0.1 °C
- Temperature NTC: Measuring rate: 0.5 s
- Velocity - Vane: 0.4 to 20 m/s
- Velocity - Vane Accuracy:  $\pm(0.2 \text{ m/s} + 2 \% \text{ of mv})$
- Velocity - Vane: 0.1 m/s

### Recommended Ancillaries

- Custom matched for use with PA Hilton RE540 and RE580 Renewable Energy Study Units

### What's in the Box?

- 1 x Anemometer
- 2 x AAA micro batteries

### Weights & Dimensions

- Net dimensions: 133mm (L) x 46mm (W) x 25mm (D)
- Nw weight: 110g

## Operational Conditions

- Operating temperature range: -20°C to 50°C

## Ordering information

To order this product, please call PA Hilton quoting the following code:  
REA6 - Anemometer

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