

# Vane anemometer

## testo 416

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Direct display of volume flow

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Point and timed mean value calculation

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Max./min. values

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Hold button for freezing measurement value

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Display illumination

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Auto-off function

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TopSafe, protects the instrument from dirt and impact  
(optional)

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The testo 416 is a compact anemometer with a fixed vane probe. The measuring instrument is particularly suitable for flow velocity measurements in ducts thanks to the extendable telescope (max. length 890 mm, diameter 16 mm). The volume flow is directly shown in the display. For volume flow calculation purposes, the duct cross-section area can be conveniently entered into the testo 416. The timed and point mean value calculations provide information on the average volume flow.

The Hold function allows the current measurement value to be fixed in the display. Min./max. values are also displayed at the press of a button. The optional TopSafe reliably protects the instrument from dirt and impact, ensuring a particularly long working life.

## Technical data / Accessories

### testo 416

testo 416 vane anemometer with telescope (max. 890 mm) incl. battery and calibration protocol

Part no. 0560 4160



#### Sensor type

#### Vane

|                      |                          |
|----------------------|--------------------------|
| Measuring range      | 0.6 m/s to 40 m/s        |
| Accuracy<br>±1 digit | ±(0.2 m/s +1.5% of m.v.) |
| Resolution           | 0.1 m/s                  |

#### General technical data

|                       |                        |
|-----------------------|------------------------|
| Operating temperature | -20 to +50 °C          |
| Storage temperature   | -40 to +70 °C          |
| Battery type          | 9V block battery, 6F22 |
| Battery life          | 80 h                   |
| Dimensions            | 182 x 64 x 40 mm       |
| Weight                | 325 g                  |
| Housing material      | ABS                    |
| Warranty              | 2 years                |

### Accessories

### Part no.

#### Accessories for measuring instrument

|                                                                                                                     |           |  |
|---------------------------------------------------------------------------------------------------------------------|-----------|--|
| Case for measuring instrument and probes                                                                            | 0516 0210 |  |
| TopSafe, protects from impact and dirt                                                                              | 0516 0221 |  |
| Service case for measuring instrument and probe, dimensions 454 x 316 x 111 mm                                      | 0516 1201 |  |
| Recharger for 9V rechargeable battery, for external recharging of 0515 0025 battery                                 | 0554 0025 |  |
| 9V rech. battery for instrument, instead of battery                                                                 | 0515 0025 |  |
| ISO calibration certificate velocity<br>hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s   | 0520 0004 |  |
| ISO calibration certificate velocity<br>hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s | 0520 0034 |  |