

Measuring air velocity with telescopic vane

testo 416

The compact testo 416 anemometer with permanently attached vane probe with telescopic handle (max. 890 mm).

Volume flow is shown directly in the display. Accurate volume flow calculation due to easy input of duct area.

Timed and multi-point mean calculation provide information on mean volume flow.

Min/max values can also be shown in the display. The Hold function enables you to freeze the current reading in the display.

- Direct display of volume flow
- Multi-point or timed mean calculation
- Display light
- TopSafe, the indestructible protective case (optional)

testo 416

testo 416, vane anemometer with permanently attached 16 mm telescopic vane (max. 890 mm), with battery and calibration protocol
Part no. 0560 4160

Technical data

Meas. range	+0.6 to +40 m/s (Application range 0 to +60 °C)		
Accuracy ±1 digit	±(0.2 m/s +1.5% of mv)		
Resolution	0.1 m/s		
Oper. temp.	-20 to +50 °C	Storage temp.	-40 to +85 °C
Battery type	9V block battery, 6F22	Battery life	80 h
Weight	325 g	Dimensions	182 x 64 x 40 mm



Telescopic vane (length max. 890 mm, Ø 16 mm)



Monitoring air velocity in air conditioning ducts

Accessories Ordering data	Part no.
Case for measuring instrument and probes	0516 0210
TopSafe, protects from impact and dirt	0516 0221
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, hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004
ISO calibration certificate velocity, hot wire, vane anemometer; calibration points 0.5; 0.8; 1; 1.5 m/s	0520 0024
ISO calibration certificate velocity, hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034

Measuring volume flow and temperature with 100 mm vane

testo 417

The compact anemometer testo 417 with built-in 100 mm Ø flow / temperature vane for measuring flow velocity, volume flow and temperature. The direction of flow, i.e. blowing or sucking flow, is visible in the display. The optional funnel set enables measurements at ventilation grilles and disc outlets.

- Multi-point and timed mean calculation
- Max/min values

testo 417

testo 417, vane anemometer with built-in 100 mm vane, incl. temperature measurement, battery and calibration protocol
Part no. 0560 4170

Technical data

Probe type	Vane	NTC	Volume flow
Meas. range	+0.3 to +20 m/s	0 to +50 °C	0 to +99999 m³/h
Accuracy ±1 digit	±(0.1 m/s +1.5% of mv)	±0.5 °C	
Resolution	0.01 m/s	0.1 °C	0.1 m³/h (0 to +99.9 m³/h) 1 m³/h (+100 to +99999 m³/h)
Oper. temp.	0 to +50 °C	Storage temp.	-40 to +85 °C
Battery type	9V block battery, 6F22	Battery life	50 h
Weight	230 g	Dimensions	277 x 105 x 45 mm



Optional funnel set



Measuring exhaust air with testo 417 and built-in 100 mm Ø vane

Accessories Ordering data	Part no.
Case for measuring instrument and probes	0516 0210
Funnel set consisting of funnel for disc outlets (Ø 200 mm) and funnel for ventilator (330 x 330 mm) for in- and outgoing air	0563 4170
Recharger for 9V rechargeable battery, for external recharging of 0515 0025 battery	
9V rech. battery for instrument, instead of battery	0515 0025
ISO calibration certificate velocity, hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004
ISO calibration certificate velocity, hot wire, vane anemometer; calibration points 0.5; 0.8; 1; 1.5 m/s	0520 0024
ISO calibration certificate velocity, hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034