

Vane anemometer

testo 416 - Digital 16 mm vane anemometer with App connection

Simple, fast and precise flow measurement and volume flow calculation in the ventilation duct

More flexibility for duct measurements with the cable-connected telescopic probe (maximum length 850 mm)

Fast in-app (duct) configuration, graph history, second screen and measurement data memory in the testo Smart App

Timed and point mean value calculation

Durability through compact design with robust housing



Bluetooth 5.0
+ App



testo Smart App
for free download



With the compact 16 mm vane anemometer testo 416 with telescopic probe and App connection, you can carry out flow measurements in the ventilation duct of **air conditioning and ventilation systems** easily, quickly and precisely.

The integrated telescope can be extended up to 850 mm, making it easier to work overhead or in large diameter ducts. To ensure that you have all the relevant information

at your fingertips, the testo 416 automatically calculates time and point average values as well as the volume flow rate. And thanks to the compact design and the robust housing, the vane anemometer can also stand it if conditions get a little rougher at times.


Incidentally: Configuration of the measuring instrument, display and storage of measured values as well as documentation are all particularly convenient with the testo Smart App. This also turns your smartphone into a second display.

Ordering data / technical data / accessories

testo 416

testo 416, 16 mm vane anemometer with App connection, fixed telescope (max. 850 mm), incl. carrying bag, calibration protocol and 3 X AA batteries

Order no. 0563 0416







The testo Smart App

- Simple and fast: Measurement menus for numerous applications provide optimum support in configuring and carrying out the measurement
- Clear graphical presentation of readings, e.g. as a table, for quick interpretation of results
- Create digital measurement reports including photos as PDF/CSV files on site and send via e-mail



Free download
for Android and iOS



Sensor type	Vane
Measuring range	0.6 to 40 m/s
Accuracy ±1 digit	±(0.2 m/s +1% of m.v.)
Resolution	0.1 m/s
General technical data	
Operating temperature	Measuring instrument: -10 to +50 °C Probe: -10 to +70 °C
Storage temperature	-10 to +50 °C
Battery type	3 x AA
Battery life	60 h
Dimensions	Measuring instrument: 135 x 60 x 28 mm Probe: Length 329 mm, Ø 16 mm Cable length 1.5 m
Weight	323 g
Protection class	IP20
Housing material	ABS + PC / TPE

Accessories	Order no.	
Mobile BT®/ IRDA printer, incl. 1 roll of thermal paper, rech. battery and mains unit	0554 0622	
Spare thermal paper for printer (6 rolls), measurement data documentation can be read for up to 10 years	0554 0568	
ISO flow velocity calibration certificate Hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004	
ISO flow velocity calibration certificate Hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034	

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Subject to change, including technical modifications.

