

# Vane anemometer

## testo 416 - Digital 0.63 in. vane anemometer with App connection

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Simple, fast and precise flow measurement and volume flow calculations in ventilation ducts

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More flexibility for duct measurements with the cable-connected telescopic probe (maximum length 33 in.)

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

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Timed and point mean value calculation

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Durability through compact design with robust housing

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The testo 416 compact 0.63 in. vane anemometer with telescopic probe and App connection, performs flow measurements in ventilation ducts of **air conditioning and ventilation systems** easily, quickly, and precisely.

The integrated telescope can be extended up to 33 in, 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 with the testo Smart App. Thanks to the compact design and the robust housing, the vane anemometer can handle intense demands of the job.

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, 0.63 in. vane anemometer with App connection, fixed telescope (max. 33 in.), 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	118.1 to 7874 fpm
Accuracy ±1 digit	±(39.4 fpm + 1% of mv)
Resolution	0.1 fpm
General technical data	
Operating temperature	Measuring instrument: 14 to 122 °F Probe: 14 to 158 °F
Storage temperature	14 to 122 °F
Battery type	3 x AA
Battery life	60 h
Dimensions	Measuring instrument: 5.3 x 2.4 x 1.1 in Probe: Length 13 in., Ø 0.63 in. Cable length: 5 ft.
Weight	0.71 lbs
Protection class	Measuring instrument: IP 40 Probe: IP20
Housing material	ABS + PC / TPE

Accessories	Order no.
testo Bluetooth® printer, incl. 1 roll of thermal paper, rech. battery and power supply	0554 0621
Spare thermal paper for printer (6 rolls), measurement data documentation can be read for up to 10 years	0554 0568
NIST Velocity Calibration: 3 Standard Pts	400520 4401
NIST Velocity Calibration: 3 Custom Pts	400520 4402

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Subject to change, including technical modifications.