



Thermal anemometer

testo 425 – Digital hot wire anemometer with App connection

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

More flexibility for duct measurements with the cable-connected telescopic probe (maximum length 820 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



Optimally adjusted **air conditioning and ventilation systems** are a decisive factor for modern buildings.

Accordingly, it is important to use the appropriate measurement technology to ensure that the flow,

to work overhead or in large diameter ducts. All relevant calculations, such as volume flow or time and point averages, are performed automatically by the particularly robust and compact measuring instrument.

CHANGES

Ordering data / technical data / accessories

testo 425

testo 425, thermal hot wire anemometer with App connection and fixed telescope (max. 820 mm), incl. carrying bag, calibration protocol and 3 X AA batteries

Order no. 0563 0425



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 types

Hot wire

Measuring range	0 to 30 m/s
Accuracy ± 1 digit	$\pm(0.03 \text{ m/s} + 4\% \text{ of m.v.})$ (0 to 20 m/s) $\pm(0.5 \text{ m/s} + 5\% \text{ of m.v.})$ (20.01 to 30 m/s)
Resolution	0.01 m/s

NTC

Measuring range	-20 to +70 °C
Accuracy ± 1 digit	± 0.5 °C
Resolution	0.1 °C

General technical data

Operating temperature	Measuring instrument: -20 to +50 °C Probe: -20 to +70 °C
Storage temperature	-20 to +50 °C
Battery type	3 x AA
Battery life	35 h
Dimensions	Measuring instrument: 135 x 60 x 28 mm Probe: Length 180 mm, Ø 7.5 mm Cable length 1.5 m
Weight	268 g
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 mains unit	0554 0621	
Spare thermal paper for printer (6 rolls), measurement data documentation can be read for up to 10 years	0554 0568	
ISO calibration certificate for flow, hot wire/vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004	
ISO calibration certificate for flow, hot wire/vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034	
ISO flow calibration certificate, hot wire, vane anemometer, Pitot tube, calibration points 0.3; 0.5; 0.8; 1.5 m/s	0520 0024	