

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 32 in.)

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



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, temperature and volume flow in the ventilation duct are correct.

The testo 425 thermal anemometer is your fast, easy and precise companion. The cable-connected telescopic probe can be extended up to 32 in., making it easier 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 compact measuring instrument.

Configuration of the measuring instrument, display and storage of measured values as well as documentation are available with the testo Smart App. This also turns your smartphone into a second display to give you more flexibility on the job.

Ordering data / technical data / accessories

testo 425

testo 425, thermal hot wire anemometer with App connection and fixed telescope (max. 32 in.), incl. carrying bag, calibration protocol and 3 X AA batteries

Order no. 0563 0425



Sensor types

Vane	
Measuring range	0 to 5,905 fpm
Accuracy ±1 digit	±(5.91 fpm + 4% of m.v.) (0 to 3,937 fpm) ±(98 fpm + 5% of m.v.) (3937.1 to 5,905 fpm)
Resolution	0.01 fpm

NTC	
Measuring range	-4° to 158 °F
Accuracy ±1 digit	±0.9 °F
Resolution	0.1 °F

General technical data	
Operating temperature	Measuring instrument: -4° to 122 °F Probe: -4° to 158 °F
Storage temperature	-4° to 122 °F
Battery type	3 x AA
Battery life	35 h
Dimensions	Measuring instrument: 5.3 x 2.4 x 1.1 in Probe: Length 7.1in, Ø 0.30 in Cable length 5 ft.
Weight	0.60 lbs.
Protection class	Measuring instrument: IP 40 Probe: IP20
Housing material	ABS + PC / TPE

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



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 Temperature Certificate pick 3 standard points between -20, +10, +25 and +40°C	400520 1901
NIST Temperature Certificate pick 3 custom points between -20 and/or from +5 to +70°C	400520 1902
NIST Velocity Calibration: 3 Standard Points	400520 4401
NIST Velocity Calibration: 3 Custom Points	400520 4402

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Subject to change, including technical modifications.