

## Measuring air velocity with thermal flow probe

### testo 425

The compact anemometer with permanently attached thermal flow probe inc. telescope (max. 820 mm). The volume flow is shown directly in the display. Exact calculation of volume flow due to input of duct area. Additionally, the instrument can be switched over to the current temperature reading.

- Hold button to freeze readings
- Display light
- Auto Off function
- TopSafe, the indestructible protective case (optional)

#### testo 425

testo 425, thermal anemometer with permanently attached flow probe Ø probe head 7.5 mm, incl. temperature measurement and telescopic handle (max. 820 mm), battery and calibration protocol  
Part no. 0560 4251



Telescopic flow probe (max. 820 mm)



Monitoring air velocity in air conditioning ducts

- Temperature, flow and volume flow measurement
- Multi-point and timed mean calculation
- Max/min values

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, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034

Technical data			
Probe type	Thermal	NTC	
Meas. range	0 to +20 m/s	-20 to +70 °C	
Accuracy ±1 digit	±(0.03 m/s + 5% of mv)	±0.5 °C (0 to +60 °C) ±0.7 °C (remaining range)	
Resolution	0.01 m/s	0.1 °C	
Oper. temp.	-20 to +50 °C	Storage temp.	-40 to +85 °C
Battery type	9V block battery, 6F22	Battery life	20 h
Weight	285 g	Dimensions	182 x 64 x 40 mm

## Measure air flow and temperature, flexibly and easily

### testo 405-V1

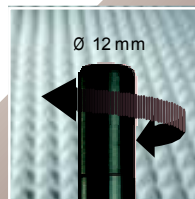
testo 405-V1 is the first thermal anemometer in this price range which can measure air velocity, volume flow and temperature.

#### testo 405-V1

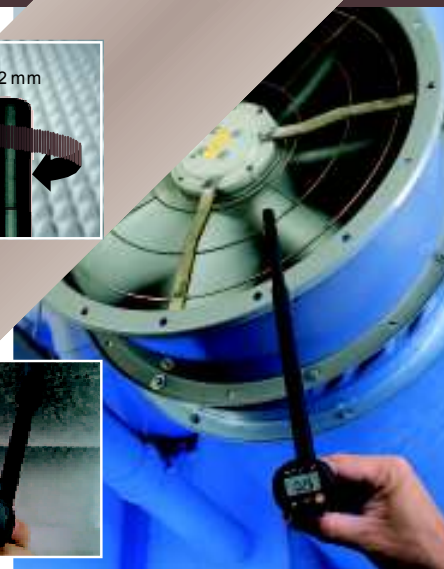
Velocity measurement stick, with channel holder, incl. fixing clip, battery

Part no. 0560 4051

- m/s and m³/h (volume flow calculation 0 to 99,990 m³/h)
- Measurement in duct and at the duct outlet
- Duct holder and fixing clip for fast positioning



Sensor protection thanks to pivotable protection cap, measurement stick 300 mm long



Measurement in VAC duct with duct holder

Checking air quantities (m³/h), e.g. at a duct outlet

Accessories Ordering data	Part no.
testo vent 410, volume flow funnel, Ø 340mm/330 x 330mm, incl. case	0554 0410
testo vent 415, volume flow funnel, Ø 210mm/190x190mm, incl. case	0554 0415
ISO calibration certificate velocity, two point calibration; calibration points 5m/s and 10m/s	0520 0094
ISO calibration certificate velocity, hot wire, vane anemometer, Pitot tube; calibration points 1; 2; 5; 10 m/s	0520 0004

Technical data			
Meas. range	0 to +10 m/s	-20 to +50 °C	0 to +99990 m³/h
Accuracy ±1 digit	±(0.1 m/s ±5% of mv) (0 to +2 m/s) ±(0.3 m/s ±5% of mv) (+2.1 to +10 m/s) ±0.5 °C (-20 to +50 °C)		
Resolution	0.01 m/s / 0.1 °C	Battery life	20 h
Oper. temp.	0 to +50 °C	Storage temp.	-20 to +70 °C