

Data sheet
testo 425

Thermal anemometer

testo 425 – With fixed flow velocity probe

Measurement of flow velocity, volume flow and temperature

Point and timed mean value calculation

Max./min. values

Hold button for freezing measurement value

Display illumination

Auto-off function

TopSafe, protection of the instrument from dirt and impact
(optional)



testo 425 is a compact anemometer with a fixed thermal flow velocity probe. The probe head has a diameter of 7.5 mm. With the extendable telescope (length max. 820 mm), the measuring instrument is suitable for flow velocity measurement in ducts. The testo 425 also measures extremely accurately in the low flow velocity range. The volume flow is directly shown in the display. For the purposes of volume flow calculation, the duct area can be easily entered into the testo 425. In addition to this, the

instrument can be switched over to display the current temperature. Timed and point mean value calculation provide information on the average volume flow, flow velocity and temperature measurement value. The Hold function allows the current measurement value to be frozen in the display, min./max. values are also displayed at the press of a button.

Technical data / Accessories

testo 425

testo 425 compact thermal anemometer with fixed velocity probe incl. temperature measurement and telescope (max. 820 mm), battery and calibration protocol

Part no. 0560 4251



General technical data

Operating temperature	-20 to +50 °C
Storage temperature	-40 to +70 °C
Battery type	9V block battery, 6F22
Battery life	20 h
Dimensions	182 x 64 x 40 mm
Weight	285 g
Housing material	ABS

Sensor types

	Thermal	NTC
Measuring range	0 to +20 m/s	-20 to +70 °C
Accuracy ±1 digit	±(0.03 m/s +5% of m.v.)	±0.5 °C (0 to +60 °C) ±0.7 °C (remaining range)
Resolution	0.01 m/s	0.1 °C

Accessories

Part no.

Case for measuring instrument and probes	0516 0191	
TopSafe, protects from impact and dirt	0516 0221	
Service case for measuring instrument and probe, dimensions 454 x 316 x 111 mm	0516 1201	
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	
ISO calibration certificate velocity hot wire, vane anemometer; calibration points 0.3; 0.5; 0.8; 1.5 m/s	0520 0024	