

Thermal Anemometer

testo 425

The compact thermal anemometer with fixed velocity probe

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

Compact thermal anemometer with fixed velocity probe incl. temperature measurement and telescope, battery and calibration protocol.

Sampling rate:	2 Bit/sec.
Telescopic shaft:	Extendable to 820 mm
Temperature measurement:	-20 °C to +70 °C (±1 °C)
Battery type:	9 V block battery, 6F22
Battery life:	20 h
Dimensions (H x W x D):	182 x 64 x 40 mm
Weight:	285 g
Warranty:	2 years

Sensor types

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

Accessory

Case for measuring instrument and probes

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