

Large-Area Vane Anemometer

testo 417

The compact testo 417 anemometer with built-in flow/temperature vane Ø 100 mm to measure flow speed, volume flow and temperature.

Volume flow is shown directly in the display. Accurate volume flow calculation thanks to easy input of duct area. In addition, it is easy to switch to the current temperature reading.

The flow direction, i.e. drawn in or blowing, is visible in the display.

Timed and multi-point mean calculation provide information on mean volume flow, flow speed and temperature readings.

The optional funnel set facilitates efficient measurements at ventilator grilles and disc outlets.

Min/max values can also be shown in the display. Current readings can be frozen in the display using the Hold function.

- Direction of flow recognition
- Temperature, flow and volume flow measurement
- Multi-point and timed mean calculation
- Max/min values
- Hold button to freeze readings
- Display light
- Auto Off function



Built-in Ø 100 mm vane



Volume flow is shown directly in the large display



Volume flow measurement with a large Ø 100 mm vane at duct outlet



Monitoring ingoing air in a disc outlet



Monitors outgoing air in an on-wall ventilator

testo 417

testo 417, vane anemometer with built-in 100 mm vane, incl. temperature measurement, battery and calibration protocol

Part no. 0560 4170

Accessories Ordering data	Part no.
Case for measuring instrument and probes	0516 0210
Funnel set consisting of funnel for disc outlets (Ø 200) and funnel for ventilator (330 x 330 mm) for in- and outgoing air	0563 4170
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
ISO calibration certificate velocity, hot wire, vane anemometer; calibration points 0.5; 0.8; 1; 1.5 m/s	0520 0024

Technical data			
Probe type	NTC	Vane	Volume flow
Meas. range	0 to +50 °C	+0.3 to +20 m/s	0 to +99999 m³/h
Accuracy ±1 digit	±0.5 °C	±(0.1 m/s + 1.5% of mv)	±0.5 °C
Resolution	0.1 °C	0.01 m/s	0.1 m³/h (0 to +99.9 m³/h) 1 m³/h (+100 to +99999 m³/h)
Oper. temp.	0 to +50 °C		
Storage temp.	-40 to +85 °C		
Battery life	50 h		
Dimensions	277 x 105 x 45 mm		