



Anemometer with probes

Prints
Probes
Mean
HOLD/MAX/MIN
0 to 40 m/s



testo 435, with volume flow calculation (m^3/h , m^3/min , ...), has all the advantages of thermal and vane anemometers.

Vane probes
Thermal probes
Temperature probes
can be connected to testo 435

- **m/s and m^3/h (volume flow calculation 0 to 999,999 m^3/h)**
- **Quick documentation of data on location**
- **Timed and multi-point mean calculation**
- **More than 10 different probes can be connected**

testo 435

testo 435, anemometer, incl. battery and calibration protocol

Part no. 0560 4350



Measure air velocity with the large vane, e.g. at duct exits



Check volume flow via thermal probe, e.g. in a ventilation duct with printout of data

Suitable probes at a glance

Description	Illustration	Meas. range	Accuracy	Part no.
Affordable vane probe, $\varnothing$ 60 mm, e.g. for measurements at duct outlets		+0.25... +20 m/s Oper. temp. 0... +60 °C	$\pm(0.1 \text{ m/s} \pm 1.5\% \text{ of mv})$ (+0.25... +20 m/s)	0635 9244
Vane probe, $\varnothing$ 60mm, with telescopic handle max. 754mm, e.g. for measurements at duct outlets		+0.25... +20 m/s Oper. temp. 0... +60 °C	$\pm(0.1 \text{ m/s} \pm 1.5\% \text{ of mv})$ (+0.25... +20 m/s)	0635 9344
Vane probe, $\varnothing$ 16 mm, with telescopic handle max. 720mm, e.g. for measurements in ducts		+0.6... +40 m/s Oper. temp. 0... +60 °C	$\pm(0.2 \text{ m/s} \pm 1.5\% \text{ of mv})$ (+0.6... +40 m/s)	0635 9544
Affordable hot wire probe for m/s and °C, $\varnothing$ 12mm, with telescopic handle max. 675 mm		0... +20 m/s -20... +70 °C	$\pm(0.05 \text{ m/s} \pm 5\% \text{ of mv})$ (0... +20 m/s)	0635 1044
Quick action hot wire probe for m/s and °C, $\varnothing$ 10 mm, with telescopic handle max. 835 mm, for measurements in the lower velocity range		0... +20 m/s -20... +70 °C	$\pm(0.03 \text{ m/s} \pm 4\% \text{ of mv})$ (0... +20 m/s)	0635 1043

Description	Illustration	Meas. range	Accuracy	t99	Conn.	Part no.
Waterproof immersion/penetration probe		-50... +125 °C	$\pm 0.5\%$ of mv (+100... +125 °C) ± 0.2 °C (-25... +74.9 °C) ± 0.4 °C (-50... -25.1 °C) ± 0.4 °C (+75... +99.9 °C)	10 s	Fixed cable	0613 1211
Waterproof surface probe with widened measuring tip, for flat surfaces		-50... +125 °C	$\pm 0.5\%$ of mv (+100... +125 °C) ± 0.2 °C (-25... +74.9 °C) ± 0.4 °C (-50... -25.1 °C) ± 0.4 °C (+75... +99.9 °C)	35 s	Fixed cable	0613 1911
Robust, affordable air probe to check storage temperatures		-50... +125 °C	$\pm 0.5\%$ of mv (+100... +125 °C) ± 0.2 °C (-25... +74.9 °C) ± 0.4 °C (-50... -25.1 °C) ± 0.4 °C (+75... +99.9 °C)	60 s	Fixed cable	0613 1711

Practical accessories and recommended sets



Testo printer with 1 roll of thermal paper and 4 AA size batteries
Prints readings on location
Part no. 0554 0545



testovent 410, volume flow funnel, Ø 340mm/330 x 330mm, incl. case
Part no. 0554 0410
testovent 415, volume flow funnel, Ø 210mm/190x190mm, incl. case
Part no. 0554 0415

testo 435, Starter Set for measuring velocity in ducts



testo 435, anemometer, incl. battery and calibration protocol
Affordable hot wire probe, Ø12mm
Transport case

testo 435, Starter Set for measuring velocity at outlets



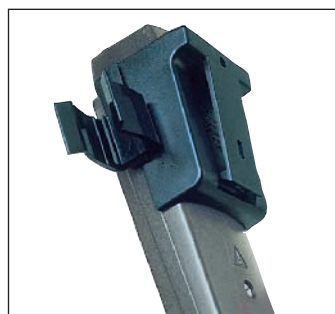
testo 435, anemometer, incl. battery and calibration protocol
TopSafe (indestructible protection case)
Vane probe, Ø 60mm

Robust, affordable air probe to check storage temperatures

Transport case (plastic) for instrument and accessories



TopSafe (indestructible protection case) with bench stand
Protects instrument from impact and dirt
Part no. 0516 0183



Accessories set (for instrument without TopSafe) includes multi-function clip, carrier loop, probe holder
Part no. 0554 0550

Ordering data for Accessories

Part no.

TopSafe (indestructible protection case) with bench stand Protects instrument from impact and dirt	0516 0183
Accessories set (for instrument without TopSafe) includes multi-function clip, carrier loop, probe holder	0554 0550
Accessories set (for instrument with TopSafe) includes multi-function clip and probe holder	0554 0552
9V rechargeable battery for instrument Instead of battery	0515 0025
Recharger for 9V rechargeable battery For external recharging of 0515 0025 battery	0554 0025
Testo printer with 1 roll of thermal paper and 4 AA size batteries Prints readings on location	0554 0545
Recharger for printer (with 4 standard rech. batt.) Rechargeable batteries are recharged externally	0554 0110
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls) Measurement data documentation legible for up to 10 years	0554 0568
Case for instrument and probes For safe and orderly storage	0516 0182
Transport case (plastic) for instrument and accessories For safe and orderly storage	0516 0184
testovent 410, volume flow funnel, Ø 340mm/330 x 330mm, incl. case	0554 0410
testovent 415, volume flow funnel, Ø 210mm/190x190mm, incl. case	0554 0415
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 All velocity probes, calibration points selectable from 0.3 to 50 m/s at +25°C	0520 0104
DKD calibration certificate/Velocity Hot wire, vane anemometer; calibration points 0.5; 1; 2; 5; 10 m/s	0520 0244
DKD calibration certificate/Velocity Hot wire, vane anemometer, Pitot tube; calibration points 2; 5; 10; 15; 20 m/s	0520 0204

Technical data

Probe type	Hot wire	Vane	NTC	Calc. parameter
Meas. range	0... +20 m/s	+0.2... +40 m/s	-50... +150 °C	0... +999999 m³/h
Resolution	0.01 m/s (0... +10 m/s) 0.1 m/s (+10.1... +20 m/s)	0.01 m/s (0... +10 m/s) 0.1 m/s (+10.1... +40 m/s)	0.1 °C (-50... +150 °C)	
Accuracy ± 1 digit	See probe data	See probe data	±1% of mv (+100... +150 °C) ±0.5 °C (-25... +74.9 °C) ±0.8 °C (-50... -25.1 °C) ±0.8 °C (+75... +99.9 °C)	
Display	LCD, 2 lines			
Oper. temp.	0... +50 °C			
Storage temp.	-20... +70 °C			
Battery type	Alkali manganese			
Auto Off	10 min			
Weight	300 g			
Warranty	2 years			
Battery life	Thermal probe: more than 20h Vane probe: more than 100h			

m/s

°C

m³/h