

435-3/-4

Prandtl's Pitot tubes	Illustration	Oper. temp.	Part no.
Pitot tube, 350 mm long, stainless steel, for measuring flow velocity		0 to +600 °C	0635 2145
Pitot tube, 500 mm long, stainless steel, for measuring flow velocity		0 to +600 °C	0635 2045
Pitot tube, 1000 mm long, stainless steel, for measuring flow velocity		0 to +600 °C	0635 2345

Technical data

Probe type	NTC	Type K	Type T	Testo humid. sensor, cap.	Vane	Hot wire	Absolute pressure probe	CO ₂ (IAQ probe)
Meas. range	-50 to +150 °C	-200 to +1370 °C	-200 to +400 °C	0 to +100 %RH	0 to +60 m/s	0 to +20 m/s	0 to +2000 hPa	0 to +10000 ppm CO ₂
Accuracy ±1 digit	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (-50 to -25.1 °C) ±0.4 °C (+75 to +99.9 °C) ±0.5% of mv (remaining range)	±0.3 °C (-60 to +60 °C) ±(0.2 °C +0.3% of mv) (remaining range)	±0.3 °C (-60 to +60 °C) ±(0.2 °C +0.3% of mv) (remaining range)	See probe data	See probe data	See probe data	See probe data	See probe data
Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 %RH	0.01 m/s (60 vane) 0.1 m/s (16 vane)	0.01 m/s	0.1 hPa	1 ppm CO ₂

Technical data 435-2/-4

Probe type	Lux
Meas. range	0 to +100000 Lux
Accuracy ±1 digit	See probe data
Resolution	1 Lux / 0.1 Hz

Technical data 435-3/-4

Probe type	Differential pressure probe, Internal
Meas. range	0 to +25 hPa
Accuracy ±1 digit	±0.02 hPa (0 to +2 hPa) 1% of mv (remaining range)
Overload	200 hPa
Resolution	0.01 hPa

Oper. temp.	-20 to +50 °C
Storage temp.	-30 to +70 °C
Dimensions	220 x 74 x 46 mm
Battery type	Alkali manganese, mignon, Type AA
Battery life	200 h (typical vane measurement)
Weight	450 g
Material/Housing	ABS/TPE/Metal
Warranty	2 years

Accessories

Accessories	Part no.
Transport and Protection	
Service case for basic equipment of measuring instrument and probes, dimensions: 400 x 310 x 96 mm	0516 0035
Service case for measuring instrument, probe and accessories, dimensions 520 x 380 x 120 mm	0516 0435
Additional Accessories and Spare Parts	
Handle for attachable humidity probe head for connection to testo 635, incl. probe wire, for measurement / calibration of humidity probe head	0430 9735
Lithium battery button cell CR2032 mignon type batteries for radio handle	0515 0028
Plug-in mains adapter, 5 VDC 500 mA with European adapter	0554 0447
testovent 410, volume flow funnel, Ø 340 mm/330x330 mm, incl. case	0554 0410
testovent 415, volume flow funnel, Ø 210 mm/210x210 mm, incl. case	0554 0415
Funnel set consisting of funnel for disc outlets (Ø 200 x 200 mm) and funnel for ventilator (330 x 330 mm) for in- and outgoing air	0563 4170
Connection hose, silicone, 5m long, max. load 700 hPa (mbar)	0554 0440
testo saline pots for control and humidity adjustment of humidity probes, 11.3 %RH and 75.3 %RH with adapter for humidity probe, quick checks or calibration of humidity probe	0554 0660
Sintered Teflon filter, Ø 12 mm, for corrosive media, High humidity range (long-term measurements), high flow velocities.	0554 0756
Stainless steel sintered cap, Ø 12 mm, is screwed onto humidity probe, for measurements at higher flow velocities or in contaminated air	0554 0647
Adhesive material for fixing and sealing	0554 0761

Accessories

Accessories	Part no.
Printer and Accessories	
Testo printer with wireless infrared interface, 1 roll of thermal paper and 4 AA batteries, for printout of reading on site	0554 0547
Spare thermal paper for printer (6 rolls), measurement data documentation legible for up to 10 years	0554 0568
Spare thermal paper for printer (6 rolls)	0554 0569
External fast charger for 1-4 AA rech. batteries, incl. 4 Ni-MH rech. batteries with individual cell charging and charge control display, incl. impulse trickle charging, integrated discharge function, with built-in international mains plug, 100-240 V, 300 mA, 50/60 Hz	0554 0610
Calibration Certificates	
ISO calibration certificate/temperature, meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071
ISO calibration certificate humidity, Calibration points 11.3 %RH and 75.3 %RH at +25°C	0520 0006
ISO calibration certificate/pressure, differential pressure, accuracy 0.1 to 0.6 (% of fsv)	0520 0025
ISO calibration certificate velocity, hot wire, vane anemometer; calibration points 0.5; 0.8; 1; 1.5 m/s	0520 0024
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/light, Calibration points 500; 1000; 2000 Lux	0520 0010
ISO calibration certificate/CO ₂ , CO ₂ probes; calibration points 0; 1000; 5000 ppm	0520 0033