

testo 440 delta P flow ComboKit 1 with Bluetooth®

Kit for measurement in ducts,
at outlets and on filters

Structured, intuitive measurement menus for volume flow

Parallel measurement of flow, differential pressure, humidity
and temperature

Universal Bluetooth® handle for different wireless probe
heads

Internal data storage and USB port for data export

Integrated differential pressure sensor and a large portfolio
of digital probes



Compatible with a wide
selection of Bluetooth® and
wired probes.

With the testo 440 delta P flow ComboKit 1 with Bluetooth®, all IAQ-related parameters at air vents, in ducts and at filters can be measured and documented wirelessly. The air velocity & IAQ measuring instrument recognizes probes automatically, and its structured measurement menus simplify the adjustment of air conditioning and ventilation systems. In addition to a Bluetooth® probe, a wired probe and a thermocouple Type K temperature probe can also be connected to the measuring instrument.

The versatile Bluetooth® handle allows the connection of many different wireless probe heads for all applications. The kit also contains a vane probe head, a hot wire probe head, an extendable telescope for flow velocity probes and a storage case.


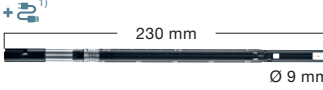

Scope of delivery

- testo 440 dP air velocity & IAQ measuring instrument, incl. differential pressure sensor, connection hose, 3x AA batteries, USB cable and calibration protocol (0560 4402)
- Vane probe (Ø 100 mm) with Bluetooth® incl. temperature sensor (consisting of 100 mm vane probe head, handle adapter and Bluetooth® handle); bracket for testovent measurement funnel; 4x AA batteries and calibration protocol (0635 9431)
- Hot wire probe head (Ø 9 mm) including temperature and humidity sensor and calibration protocol (0635 1570)
- Extendable telescope (length up to 1 m) for flow probes with a universal handle including 90° angle (0554 0960)
- Combi-case for testo 440 and multiple probes (0516 4401)



Order no. 0563 4409

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Technical data	Measuring range	Accuracy	Resolution
Digital probes			
Vane probe (Ø 100 mm) with Bluetooth®, including temperature sensor 	0.3 to 35 m/s -20 to +70 °C	$\pm(0.1 \text{ m/s} + 1.5 \% \text{ of m.v.})$ (0.3 to 20 m/s) $\pm(0.2 \text{ m/s} + 1.5 \% \text{ of m.v.})$ (20.1 to 35 m/s) $\pm 0.5 \text{ °C}$	0.01 m/s 0.1 °C
Hot wire probe head (Ø 9 mm) incl. temperature and humidity sensor 	0 to 50 m/s -20 to +70 °C 5 to 95 %RH 700 to 1100 hPa	$\pm(0.03 \text{ m/s} + 4 \% \text{ of m.v.})$ (0 to 20 m/s) $\pm(0.5 \text{ m/s} + 5 \% \text{ of m.v.})$ (20.01 to 30 m/s) $\pm 0.5 \text{ °C}$ (0 to +70 °C) $\pm 0.8 \text{ °C}$ (-20 to 0 °C) $\pm 3.0 \% \text{RH}$ (10 to 35 %RH) ²⁾ $\pm 2.0 \% \text{RH}$ (35 to 65 %RH) ²⁾ $\pm 3.0 \% \text{RH}$ (65 to 90 %RH) ²⁾ $\pm 5 \% \text{RH}$ (remaining meas. range) ²⁾ $\pm 3 \text{ hPa}$	0.01 m/s 0.1 °C 0.1 %RH 0.1 hPa
testo 440 dP			
testo 440 dP air velocity & IAQ measuring instrument Connectable probes: 1x digital probe with cable or 1x temperature NTC TUC, 1x digital Bluetooth® probe or Testo Smart Probes, 1x differential pressure (internal), 1x temperature TC Type K 	Differential pressure -150 to +150 hPa		$\pm 0.05 \text{ hPa}$ (0 to +1.00 hPa) $\pm 0.2 \text{ hPa} + 1.5 \% \text{ of m.v.}$ (+1.01 to +150 hPa)

¹⁾ For use with Bluetooth® handle and adapter included in delivery or with the wired handle (order no. 0554 2222).
²⁾ Please see the additional accuracy information for humidity in the instruction manual.

General technical data	testo 440	Vane probe (Ø 100 mm) with Bluetooth®	Hot wire probe head (Ø 9 mm)	Extendable telescope
Data transmission	Bluetooth®, USB interface	Bluetooth®, Wireless range up to 20 m		
Operating temperature	-20 to +50 °C	-20 to +70 °C	-20 to +70 °C	-5 to +50 °C
Storage temperature	-20 to +50 °C	-20 to +70 °C	-20 to +70 °C	-20 to +60 °C
Dimensions	154 x 65 x 32 mm	375 x 105 x 46 mm	235 x 12 x 12 mm	Telescope: 375 x 17 x 16 mm Angle: 65 x 65 x 15 mm
Probe head diameter		Ø 100 mm	Ø 9 mm	Ø 12 mm
Weight	250 g	360 g	35 g	155 g

Subject to change, including technical modifications.

