

# testo 440 CO<sub>2</sub> kit with Bluetooth®

## Kit for evaluating indoor air quality

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Structured measurement menu for long-term measurements

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Parallel determination of CO<sub>2</sub> concentration, air humidity and air temperature

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Absolute pressure compensation, calculation of wet bulb temperature, dewpoint and absolute humidity

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Wireless probe, internal data storage and USB port for data export

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Can be extended with a large portfolio of digital probes

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With the testo 440 CO<sub>2</sub> kit with Bluetooth®, all IAQ-related parameters for evaluating indoor air can be measured and documented wirelessly. The testo 440 air velocity & IAQ measuring instrument recognizes probes automatically, and its structured measurement menus simplify the adjustment of air conditioning and ventilation systems. Up to 3 probes can be connected simultaneously to the measuring instrument: a Bluetooth® probe, a wired probe and a temperature probe with Type K thermocouple connector.

The versatile Bluetooth® handle allows the connection of many different wireless probe heads for all applications. In addition to this, the kit contains a CO<sub>2</sub> probe head and a storage case.

**Scope of delivery**

- testo 440 air velocity & IAQ measuring instrument, incl. 3x AA batteries, USB cable and calibration protocol (0560 4402)
- CO<sub>2</sub> probe with Bluetooth®, including temperature and humidity sensor (consisting of CO<sub>2</sub> probe head and Bluetooth® handle); 4x AA batteries, table stand and calibration protocol (0632 1551)
- Combi-case for testo 440 and multiple probes (0516 4401)



Order no. 0563 4405

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Technical data		Measuring range	Accuracy	Resolution
<b>Digital probe</b>				
<b>CO<sub>2</sub> probe with Bluetooth®</b> , incl. temperature and humidity sensor 		0 to 10 000 ppm CO <sub>2</sub> 5 to 95 %RH 0 to +50 °C 700 to 1100 hPa	±(50 ppm + 3 % of m.v.) (0 to 5 000 ppm) ±(100 ppm + 5 % of m.v.) (5 001 to 10 000 ppm) ±3 %RH (10 to 35 %RH)* ±2 %RH (35 to 65 %RH)* ±3 %RH (65 to 90 %RH)* ±5 %RH (remaining meas. range)* ±0.5 °C ±3 hPa	1 ppm 0.1 %RH 0.1 °C 0.1 hPa
<b>testo 440</b>				
<b>testo 440 air velocity &amp; IAQ measuring instrument</b> Connectable probes: 1x digital probe with cable or 1x temperature NTC TUC, 1x digital Bluetooth® probe or Testo Smart Probes, 1x temperature TE Type K				

\*Please see the additional accuracy information for humidity in the instruction manual.

General technical data	testo 440	CO <sub>2</sub> probe with Bluetooth®
Data transmission	Bluetooth®, USB interface	Bluetooth®, wireless range up to 20 m
Operating temperature	-20 to +50 °C	0 to +50 °C
Storage temperature	-20 to +50 °C	0 to +50 °C
Dimensions	154 x 65 x 32 mm	295 x 50 x 40 mm
Probe head diameter		Ø 30 mm
Weight	250 g	195 g

**You will find the complete selection of probes and accessories for the testo 440 in the testo 440 data sheet or at [www.testo.com](http://www.testo.com).**



Subject to change, including technical modifications.