

# Vane anemometer operated with smartphone

testo 410i

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Compact professional measuring instrument from the Testo Smart Probes series, for use with smartphones/tablets

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Measurement of air flow velocity, volume flow and temperature

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Easy parameterization of the outlet for volume flow measurement (dimensions and geometry)

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Presentation of the volume flow of several outlets for the purposes of regulating systems

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Measurement data analyzed and sent via testo Smart Probes App

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Space-saving and easy to transport

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Bluetooth  
+ App

testo Smart Probes App  
for free download



The compact vane anemometer testo 410i, in combination with a smartphone or tablet, is suitable for measuring air flow velocity, volume flow and temperature at air outlets, and for regulating the air flow of a ventilation system. Via the testo Smart Probes App installed on the end device, users can comfortably read off their measurement values, configure volume flow measurements quickly and easily, and reliably determine timed and multi-point mean values.



Especially useful: when regulating a ventilation system, you can compare the volume flows of several outlets. The measurement protocols can then be directly sent as PDF or Excel files.

## Technical data/accessories

**testo 410i**

testo 410i, vane anemometer operated with smartphone, incl. batteries and calibration protocol

Order no. 0560 1410

**testo Smart Probes App**

The App turns your smartphone/tablet into the display of the testo 410i. The operation of the measuring instrument as well as the display of the measurement values take place by Bluetooth via the Testo Smart Probes App on your smartphone or tablet – independently of the measurement location. In addition to this, you can use the App to create measurement reports, add photos and comments to these, and send them by e-mail. For iOS and Android.

Sensor type	Vane
Measuring range	0.4 to 30 m/s
Accuracy ±1 digit	±(0.2 m/s + 2 % of m.v.) (0.4 to 20 m/s)
Resolution	0.1 m/s
Sensor type	NTC
Measuring range	-20 to +60 °C
Accuracy ±1 digit	±0.5 °C
Resolution	0.1 °C

**General technical data**

Compatibility	requires iOS 8.3 or newer / Android 4.3 or newer requires mobile end device with Bluetooth 4.0
Storage temperature	-20 to +60 °C
Operating temperature	-20 to +50 °C
Battery type	3 micro batteries AAA
Battery life	200 hrs
Dimensions	154 x 43 x 21 mm 40 mm vane diameter
Warranty	2 years

Accessories	Order no.
testo Smart Case (VAC) for the storage and transport of testo 405i, testo 410i, testo 510i, testo 605i, testo 805i and testo 905i, dimensions 270 x 190 x 60 mm	0516 0260
ISO calibration certificate flow velocity, two-point calibration, calibration points 5 m/s and 10 m/s	0520 0094
ISO calibration certificate flow velocity, hot-wire/vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034

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Subject to change, including technical modifications, without notice.

