

Vane anemometer operated with smartphone

testo 410i

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

Measurement of air flow velocity, volume flow and temperature

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

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

Measurement data analyzed and sent via testo Smart Probes App

Space-saving and easy to transport



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	130 hrs
Dimensions	154 x 43 x 21 mm 40 mm vane diameter

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	