

We measure it.



Bluetooth differential pressure gauge with App

testo 510i

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

Measurement of differential pressure, air flow velocity and volume flow

Measurement data analysis and transmission via Smart Tools App

Measurement menu for pressure-drop test

Space-saving and easy to transport



hPa

m/s



Bluetooth +
App

The Bluetooth differential pressure gauge testo 510i, in combination with a smartphone or tablet, is suitable for measurements of gas flow and static pressure, pressure drops on ventilators and filters, and for pressure-drop tests on gas pipes. In addition to this, the compact measuring instrument can be used for determining air flow velocity and volume flow.

Via the 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. The App also includes a measurement menu for the pressure-drop-test. All measurement data can be presented either as a diagram or in tabular form. The measurement protocols can then be directly sent as PDF or Excel files.

Technical data/accessories

testo 510i

testo 510i, Bluetooth differential pressure gauge with App, incl. hose set (Ø 4 mm and 5 mm) with adapter, batteries and calibration protocol

Order no. 0560 1510



Testo Smart Tools App

The App turns your smartphone/tablet into the display of the testo 510i. The operation of the measuring instrument as well as the display of the measurement values take place by Bluetooth via the Testo Smart Tools 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

Pressure

Measuring range	0 to 150 hPa
Accuracy ±1 digit	±0.05 hPa (0 to 1 hPa) ±(0.2 hPa + 1.5 % of m.v.) (1 to 150 hPa)
Resolution	0.01 hPa

General technical data

Compatibility	requires iOS 7.1 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	148 x 36 x 23 mm
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 pressure, accuracy > 0.6 % of final value	0520 0005	