



Data sheet  
testo 510i

Be sure. **testo**

# Differential pressure gauge operated with smartphone

testo 510i

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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 gas flow and static pressure

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Measurement menu for pressure-drop test incl. alarms

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Measurement data analyzed and sent  
via testo Smart App

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Magnetic fixture for better attachment

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Space-saving and easy to transport

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hPa

m/s



Bluetooth  
+ App

testo Smart App  
for free download



The differential pressure measuring instrument testo 510i, in combination with a smartphone or tablet, is suitable for the measurement of gas flow and static pressure, pressure drops on ventilators and filters as well as pressure drop measurement on gas pipes.

Via the testo Smart App installed on the end device, users can comfortably read off their measurement values and reliably determine timed and multi-point mean values. The App also includes a measurement menu for the pressure-drop test incl. alarm. 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, differential pressure gauge operated with smartphone, incl. hose set (Ø 4 mm and 5 mm) with adapter, batteries and calibration protocol

Order no. 0560 1510



#### Sensor type

#### Pressure

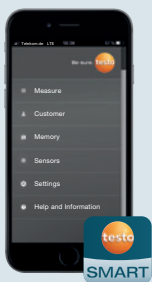
Measuring range	-150 to 150 hPa
Accuracy ±1 digit	±0.05 hPa (0 to 1 hPa) ±(0.2 hPa + 1.5 % of m.v.) (1 to 150 hPa)
Resolution	0.01 hPa

#### General technical data

Compatibility	requires iOS 11.0 or newer / Android 6.0 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	150 hrs
Dimensions	148 x 36 x 23 mm

### testo Smart 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 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.



### 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	

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