

Smart & Wireless

Differential pressure manometer*

testo 510i

Differential pressure (manometer) measures static pressure, air flow, and volume flow (with Pitot tube not incl.)

Measures manifold pressure and pressure drop across filters and coils

Measurement menu in App includes pressure drop alarms

Easy configuration and calculations for volume flow (enter pitot tube factor and dimensions easily)

Magnetic back holds instrument for hands-free operation

Measurement data is transmitted to the convenient and powerful testo **Smart Probes App** in your smart device

Tough, accurate, and easy-to-use.

For all HVAC/R technicians and contractors

*Operates with iOS or Android smart devices such as smart phones, tablets, etc.



Bluetooth
+ App

testo Smart Probes App
for free download



The testo 510i Smart Probe is a wireless differential pressure probe used for accurate low-pressure measurements. The testo 510i is great for measuring pressure in manifolds, static pressure, and pressure drops in buildings or ventilation systems. Use it to measure the pressure drop across coils and filters or in ducts and systems. Users can read the measurements using the testo **Smart Probes App** installed on their smart device. It can be used for determining air velocity and volume flow when used with Pitot tubes (not included). The testo 510i works on smart devices with either Android or Apple operating systems.

The testo **Smart Probes App** is a powerful and easy-to-use tool. It allows you to remotely read measurements from up to six (6) Smart Probes and easily document/report the results. Automatic calculations make it a snap! All measurement data is displayed as instrument readings, tables, or graphs. The measurements can be quickly saved as PDF or Excel files. The App creates custom reports which can be saved and/or shared by email. All your data can be stored and retrieved saving you hours of time consuming paperwork!

Technical data/accessories

testo 510i

testo 510i, Bluetooth differential pressure probe with App, incl. hose set (Ø 0.15 in and 0.2 in) with adapter, 3 AAA batteries and certificate of calibration

Order no. 0560 1510



Sensor type	Pressure
Measuring range	-60 to 60 inWC
Accuracy	±0.02 inWC (0 to 0.4 inWC) ±(0.01 inWC + 1.5 % of m.v.) (0.4 to 60 inWC)
Resolution	0.004 inWC

General technical data

Compatibility	requires iOS 8.3 (or later) / Android 4.3 (or later) requires mobile device with Bluetooth 4.0
Storage temperature	-4 to 140 °F
Operating temperature	-4 to 122 °F
Battery type	3 AAA Batteries (incl.)
Battery life	150 hrs
Dimensions	5.8 x 1.4 x 0.9 in
Warranty	2 years
Measuring Units	mbar, hPa, Pa, mmHg, inHg, inWC, psi, mmWC, m/s, fpm, m ³ /h, cfm, l/s

Testo Smart Probes App

The Testo **Smart Probes App** combines the power of your smart phone/tablet with the accurate measurements of your Smart Probes. The operation and display of the instruments are communicated via Bluetooth to the App on your smart phone or tablet. The **Smart Probes App** uses the measurements to create custom reports (including added photos and comments). Information and reports can be saved as files and/or sent by e-mail. For Apple iOS and Android.



VAC Smart Probe Kit: 0563 0003

Accessories

Order no.

testo VAC Smart Probe Kit for servicing ventilation and air conditioning systems. Includes: testo 405i, testo 410i, testo 605i, testo 805i. Dimensions 10.6 x 7.5 x 2.4 in	0563 0003
testo Smart Case (VAC) for the storage and transport of testo 405i, testo 410i, testo 510i, testo 605i, testo 805i and testo 905i Dimensions 10.6 x 7.5 x 2.4 in	0516 0260