



14:21

Bluetooth 100%



Be sure. **testo**



testo Smart Probes

The SMART world
of Testo HVAC



Be sure.



**“My world
just got a
whole lot
EASIER”**

**The most
exciting
development
in HVAC
Instruments.
EVER.**

A black, rectangular carrying case with a handle, held by the man in the image. The Testo logo is printed on the front of the case.

testo

The **biggest family** of SMART instruments.

Servicing heating and air conditioning systems is now faster and easier with Testo Smart Probes.

This family of Smart instruments is a collection of probes that work with your smart phone or tablet to monitor and store measurement readings. Using the free SMART App allows you to quickly and easily calculate performance and seamlessly document results in detailed reports, which can be sent via email to the back office.



- Test air conditioning charge...**without** hoses—or wires
- Balance multi-outlet ventilation systems simultaneously
- Measure system air flow, wet bulb and dewpoint
- Perform countless difficult calculations automatically using the free testo Smart Probes App
- **NEW** HVAC softcase holds all testo Smart Probes
- And so much more!

Never has so much usability and versatility been available in such a simple and worry-free family of products.

The **testo Smart Probes App**:

One App. Endless advantages.

- Measurement data is transmitted via Bluetooth to your smart device using the convenient testo App
- Automatic calculations make using your smart probe a snap
- Create custom reports including added photos and comments

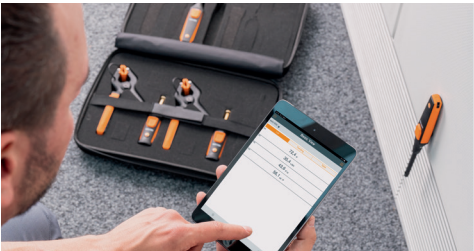
testo Smart Probes
App for free download



System requirements:
iOS 8.3 or Android 4.3 or later / Bluetooth 4.0



With the AC/R set, you can measure high-side and low-side pressures and temperatures of A/C and refrigeration systems



With the AC/R Test and Load kit you can measure high and low-side pressures, temperatures and humidity on AC/R systems and automatically calculate superheat, subcooling and total system capacity.



With the Complete kit, you can determine/measure static pressure, pressure drop across filters and coils, pressure leak test, ambient air temperature / humidity, air flow, and IR surface temperature.

Be sure.



Smart Probes Air Conditioning set: testo 549i (2x), testo 115i (2x), and testo HVAC softcase.

The A/C Refrigeration set is configured to be used during commissioning, servicing, preventative maintenance, and troubleshooting A/C and refrigeration systems. New convenient HVAC softcase capable of holding entire line of testo Smart Probes.



NEW Smart Probes AC and Refrigeration Test and Load Kit: testo 549i (2x), testo 115i (2x), testo 605i (2x) and testo HVAC softcase.

In conjunction with a smartphone or tablet, the AC and Refrigeration test kit is ideally suited to servicing and troubleshooting on air conditioning and refrigeration systems, as well as their installation.



NEW Smart Probes Complete Kit: testo 549i (2x), testo 115i (2x), testo 605i (2x) and testo HVAC softcase.

The ultimate kit for air conditioning, refrigeration and heating contractors, enabling the measurement of temperature, humidity, flow and pressure.



Temperature measurement

testo 115i: Bluetooth Pipe Clamp thermometer



- Measures temperature of pipes in heating and cooling systems
- Use with 549i Refrigeration Pressure Probe to calculate superheat and sub-cooling
- Quickly identify temperature changes by monitoring real-time trending and data logging
- 115i NTC temperature sensor is more accurate and stable than thermocouples
- Measuring range -40 to 302 °F
- Clamp opening diameter of .25 to 1.5 in.
- Up to 350 ft. Bluetooth range
- **Measuring Units** °F, °C

**Up to 350 ft
Bluetooth
Range!**

testo 905i: Bluetooth Thermometer



- Quickly and accurately measures air temperature in rooms, ducts, registers, and outlets
- Fast acting temperature probe quickly tracks changes and shows trends on a graphic display
- Measuring range -58 to 302 °F
- **Measuring Units** °F, °C

Non-contact temperature measurement

testo 805i: Bluetooth IR thermometer



- Measures non-contact temperature
- Distance to spot target ratio (10:1)
- Measurement area indicated by circular laser pattern assures accurate assessments
- Photograph objects with smart device, capturing measurement marker and temperature values for reference and reporting
- Optics 10:1, measuring range -22 to 482 °F
- **Measuring Units** °F, °C

Temperature and humidity measurement

testo 605i: Bluetooth Thermohygrometer

- Quickly and accurately measures relative humidity and temperature in rooms, ducts, and chambers
- Automatically calculates dewpoint & wetbulb temperature
- Measuring range: 0 to 100 %RH;
-4 to 140 °F
- Strong Bluetooth signal with ranges up to 350 ft
- New magnets designed to stick the probe into grills and ducts without holding by hand
- Foldable probe up to 90 °
- **Measuring Units** °F, °C, %rF / %RH, Dewpoint °F, Dewpoint °C, wetbulb °F, wetbulb °C

Up to 350 ft
Bluetooth
Range!



Flow velocity measurement



testo 405i: Bluetooth Thermal hot-wire anemometer

- Measures air velocity, volume flow, and temperature
- Measures in-duct air flow and automatically calculates volume flow
- Small dia. (<0.5") and 15" telescopic shaft length is ideal for in-duct averaging and timed traverse
- Perform air duct leakage tests
- Measuring range 0 to 6,000 fpm and -4 to 140 °F
- **Measuring Units** °F, °C, fpm, m/s, cfm, m³/h, l/s



testo 410i: Bluetooth Vane anemometer

- Measures air velocity, volume flow, and temperature with no air density correction needed
- Measures air flow at registers and automatically calculates volume flow
- Measure volume flow at several outlets simultaneously to adjust system balance
- Timed/multipoint averaging
- Measuring range 0 to 6,000 fpm and -4 to 140 °F
- **Measuring Units** °F, °C, fpm, m/s, cfm, m³/h, l/s



Differential pressure measurement

testo 510i: Bluetooth Differential pressure manometer



- Measures static pressure, air flow, and volume flow (Pitot tube not incl.)
- Measures air handler manifold pressure and pressure drop (with alarms) across filters and coils
- Easy configuration and calculations for volume flow using pitot tube (must enter pitot tube factor and dimensions)
- Measuring range -60 to 60 inWC
- **Measuring Units** mbar, hPa, Pa, mmHg, inHg, inWC, psi, mmWC, m/s, fpm, m³/h, cfm, l/s

High pressure measurement

testo 549i: Bluetooth high-pressure probe

Up to 350 ft
Bluetooth
Range!



- Measures high-side or low-side refrigerant pressure (simultaneously with 2 probes) in AC/refrigeration systems
- No hoses required! Clean, simple, accurate
- Low-loss refrigerant pressure testing!
- Use with 115i pipe-clamp temp. probes for automatic superheat / sub-cooling calculations
- Measuring range -14 to 870 psi
- Strong bluetooth signal with ranges up to 350 ft
- 45° angle for easy connection in tight spaces
- **Measuring Units** bar, psi, MPa, kPa

Ordering information

Testo Smart Probes	Order no.
testo 905i Bluetooth thermometer, incl. batteries (3x AAA)	0560 1905
testo 115i Bluetooth clamp thermometer, for measurements on pipes with diameters up to 1.5 inches, incl. batteries (3x AAA)	0560 2115 03
testo 805i Bluetooth infrared thermometer, incl. batteries (3x AAA)	0560 1805
testo 605i Bluetooth thermohygrometer, incl. batteries (3x AAA)	0560 2605 03
testo 405i Bluetooth thermal anemometer, incl. batteries (3x AAA)	0560 1405
testo 410i Bluetooth vane anemometer, incl. batteries (3x AAA)	0560 1410
testo 510i Bluetooth differential pressure manometer, incl. hose set (Ø 0.15 and .2 inch) with adapter, batteries (3x AAA)	0560 1510
testo 549i Bluetooth high-pressure probe, incl. batteries (3x AAA)	0560 2549 03
testo Smart Cases	Order no.
testo HVAC softcase for all Smart Probes: testo 115i (2x), testo 405i, testo 410i, testo 510i, testo 549 (2x), testo 605i (2x), testo 805i and testo 905i. Dimensions: 15.7 x 11.4 x 3.1 in.	0516 0283
testo Smart Case (Ventilation) for testo 405i, testo 410i, testo 510i, testo 605i, testo 805i and testo 905i. Dimensions 9.8 x 7.2 x 2.8 in	0516 0240
testo Smart Case (Heating) for testo 115i, testo 410i, testo 510i, testo 549i and testo 805i. Dimensions 9.8 x 7.2 x 2.8 in	0516 0270
testo Smart Probes Set	Order no.
testo Smart Probes Ventilation set for testing ventilation and air conditioning systems. Consists of: testo 405i, testo 410i, testo 605i, testo 805i, testo Smart Case (Ventilation), batteries	0563 0003
testo Smart Probes AC/R set for testing, commissioning and error detection on air conditioning and refrigeration systems. Consists of: (2x) testo 115i, (2x) testo 549i, testo Smart Case (refrigeration), batteries	0563 0002 20
testo Smart Probes Heating set for pressure and temperature measurement on heating systems. Consists of: testo 115i, testo 510i, testo 805i, testo Smart Case (heating), batteries	0563 0004
testo Smart Probes AC/R Test and Load Set for testing and troubleshooting on air conditioning and refrigeration systems as well as on heat pumps. Consists of: 2 x testo 115i, 2 x testo 549i, 2 x testo 605i, testo HVAC softcase, batteries	0563 0009
testo Smart Probes Complete set for air conditioning, refrigeration and heating contractors, enabling the measurement of temperature, humidity, flow and pressure. Consists of: 2 x testo 115i, 2 x testo 549i, 2 x testo 605i, testo 405i, testo 410i, testo 510i, testo 805i, testo 905i, testo HVAC softcase, batteries	0563 0007

*All instruments come with certificate of calibration
More accessories at www.testo.com

