Be sure. **testo**

testo Smart Probes – HVAC/R ultimate kit

2 x testo 115i clamp thermometer
2 x testo 549i high-pressure measuring instrument
2 x testo 605i thermohygrometer
testo 405i thermal anemometer
testo 410i vane anemometer
testo 510i differential pressure measuring instrument
testo 805i infrared thermometer
Compact testo 905i thermometer
in the testo HVAC softcase

Carry out all measurements in the fields of heating, air conditioning, refrigeration and ventilation with one kit

All Testo Smart Probes for temperature, pressure, humidity and flow velocity in one kit

Display of measurement data progression as a graph or table

Measurement data analyzed and sent via testo Smart Probes App

°C

%RH

m/s

hPa

Bluetooth®
+ App

testo Smart Probes App
for free download

Google play   Available on the App Store

The ultimate kit for air conditioning, refrigeration and heating contractors, enabling the measurement of temperature, humidity, flow and pressure. In conjunction with a smartphone or tablet, the refrigeration kit is ideally suited to servicing and troubleshooting on air conditioning, refrigeration and heating systems, as well as their installation. All the measuring instruments can be quickly and easily commissioned and attached directly at the pressure connection or the temperature measuring point. They also make it considerably easier to work on measuring points that are a long distance apart, thanks to wireless connection to a smartphone or tablet and a range of up to 100 m (testo 549i, testo 115i, testo 605i). The measuring values of both instruments are transmitted via Bluetooth® connection to the App installed on the smartphone/tablet enabling convenient and flexible readout. In the App, measurement parameters can be deleted, added or their order altered with just one click. It is also possible to change the displayed measurement parameters just as quickly. All measurement data are presented either as a diagram or a table. Finally, the measurement data report can be e-mailed directly as a pdf or Excel file.

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testo Smart Probes – HVAC/R ultimate kit
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

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Technical data/accessories

testo Smart Probes – HVAC/R ultimate kit

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, calibration protocol

Order no. 0563 0002 31

testo Smart Probes App
The App turns your smartphone/tablet into the display for up to 6 Testo Smart Probes at the same time. Both the operation of the measuring instruments and the display of the readings are achieved by Bluetooth® via the testo Smart Probes App on your smartphone or tablet – irrespective of the measuring location. In addition, 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.

	testo 115i	testo 405i	testo 410i	testo 510i
Sensor type	NTC	Hot wire / NTC	Vane / NTC	Pressure
Measuring range	-40 to +150 °C	0 to 30 m/s -20 to +60 °C	0.4 to 30 m/s -20 to +60 °C	-150 to 150 hPa
Accuracy ±1 digit	±1.3 °C (-20 to +85 °C)	±(0.1 m/s + 5% of m.v.) (0 to 2 m/s) ±(0.3 m/s + 5% of m.v.) (2 to 15 m/s) ±0.5 °C	±(0.2 m/s + 2% of m.v.) (0.4 to 20 m/s) ±0.5 °C	±0.05 hPa (0 to 1 hPa) ±(0.2 hPa + 1.5% of m.v.) (1 to 150 hPa)
Resolution	0.1 °C	0.01 m/s / 0.1 °C	0.1 m/s / 0.1 °C	0.01 hPa
Compatibility	requires iOS 8.3 or newer, Android 4.3 or newer, requires mobile terminal device with Bluetooth® 4.0			
Bluetooth® range	up to 100 m	up to 15 m	up to 15 m	up to 15 m
Dimensions	183 x 90 x 30 mm	200 x 30 x 41 mm	154 x 43 x 21 mm	148 x 36 x 23 mm

	testo 549i	testo 605i	testo 805i	testo 905i
Sensor type	Pressure	Humidity – capacitive / NTC	Infrared	Type K (NiCr-Ni)
Measuring range	-1 to 60 bar	0 to 100 %RH -20 to +60 °C	-30 to +250 °C	-50 to +150 °C
Accuracy ±1 digit	0.5% of full scale value	±3.0 %RH (10 to 35 %RH) ±2.0 %RH (35 to 65 %RH) ±3.0 %RH (65 to 90 %RH) ±5 %RH (< 10 %RH or > 90 %RH) ±0.8 °C (-20 to 0 °C) ±0.5 °C (0 to +60 °C)	±1.5 °C or ±1.5% of m.v. (0 to +250 °C) ±2.0 °C (-20 to -0.1 °C) ±2.5 °C (-30 to -20.1 °C)	±1 °C
Resolution	0.01 bar	0.1 %RH / 0.1 °C	0.1 °C	0.1 °C
Compatibility	requires iOS 8.3 or newer, Android 4.3 or newer, requires mobile terminal device with Bluetooth® 4.0			
Bluetooth® range	up to 100 m	up to 100 m	up to 15 m	up to 15 m
Dimensions	150 x 32 x 31 mm	218 x 30 x 25 mm	140 x 36 x 25 mm	222 x 30 x 24 mm

Accessories

	Order no.	
ISO relative pressure calibration certificate, 3 measuring points distributed over the measuring range	0520 0085	
ISO pressure calibration certificate, accuracy > 0.6% of final value	0520 0005	
ISO temperature calibration certificate, one-point calibration for clamp thermometer, calibration point +60 °C	0520 0072	
ISO humidity calibration certificate, calibration points 11.3 %RH and 75.3 %RH at +25 °C	0520 0006	
ISO humidity calibration certificate, calibration point 75.3 %RH at +25 °C	0520 0096	
ISO flow calibration certificate, two-point calibration, calibration points 5 m/s and 10 m/s	0520 0094	
ISO flow calibration certificate, hot wire/vane anemometer, Pitot tube, calibration points 5; 10; 15; 20 m/s	0520 0034	
ISO flow calibration certificate, hot wire/vane anemometer, Pitot tube, calibration points 1; 2; 5; 10 m/s	0520 0004	

Subject to change, including technical modifications.

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