

Data sheet

testo Smart Probes –
AC & refrigeration test kit



testo Smart Probes – AC & refrigeration test kit

2 x testo 549i high-pressure measuring instrument
2 x testo 115i clamp thermometer
in the testo Smart Case

Compact professional measuring instruments from the Testo Smart Probes series for use with smartphones/tablets

Application-specific menus: superheating/subcooling

Low refrigerant loss thanks to hoseless application

Measurement data analyzed and sent via testo Smart App

More than 90 common refrigerants stored in the testo Smart App, plus refrigerant updates

100 m Bluetooth® range for particularly flexible applications



Bluetooth®
+ App

testo Smart App
for free download



The compact AC & refrigeration test kit contains the testo 549i high-pressure measuring instrument as well as the testo 115i clamp thermometer (two of each). In conjunction with a smartphone or tablet, the refrigeration kit is ideally suited to servicing and troubleshooting on air conditioning and refrigeration systems, as well as their installation. Both measuring instruments can be quickly and easily 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. The measuring values of both instruments are transmitted via Bluetooth® connection to the testo Smart App installed on the terminal device enabling

convenient and flexible readout. In the App, measurement parameters (such as temperature or pressure) 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. In addition, the App enables automatic calculation of evaporation and condensation temperatures. 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. The handy testo Smart Case enables the measuring instruments to be conveniently transported and ensures that they are always to hand when they are needed.

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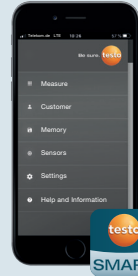
Technical data/accessories

testo Smart Probes – AC & refrigeration test kit

testo Smart probes AC & refrigeration test kit for servicing, commissioning and troubleshooting on air conditioning and refrigeration systems. Consists of: 2 x testo 115i, 2 x testo 549i, testo Smart Case (refrigeration), batteries, calibration protocol



Order no. 0563 0002 10



testo Smart 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 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 549i
Sensor type	NTC	Pressure
Measuring range	-40 to +150 °C	-1 to 60 bar
Accuracy ±1 digit	±1.3 °C (-20 to +85 °C)	0.5% of full scale value
Resolution	0.1 °C	0.01 bar
Connection		7/16" – UNF
Overload rel.		60 bar
Compatibility	requires iOS 11.0 or newer / Android 6.0 or newer	
	requires mobile terminal device with Bluetooth® 4.0	
Bluetooth® range	up to 100 m	
Storage temperature	-20 to +60 °C	
Operating temperature	-20 to +50 °C	
Battery type	3 micro batteries AAA	
Battery life	150 hrs	130 hrs
Dimensions	183 x 90 x 30 mm	150 x 32 x 31 mm
Measurable media		CFC, HFC, HCFC, N, H ₂ O, CO ₂

Accessories	Order no.
ISO relative pressure calibration certificate, 3 measuring points distributed over the measuring range	0520 0085
ISO temperature calibration certificate, one-point calibration for clamp thermometer, calibration point +60 °C	0520 0072
testo HVAC softcase with precise-fit compartments for testo Smart Probes (2 x testo 115i, testo 405i, testo 410i, testo 510i, 2 x testo 549i, 2 x testo 605i, testo 805i, testo 905i), dimensions 400 x 290 x 80 mm	0516 0283

