

Testo Smart Tools – refrigeration set

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

Compact pro measuring instrument from the Testo Smart Tools series for use with smartphones/tablets

Application-specific menus: Target superheating, superheating and sub-cooling

All necessary measuring instruments for refrigeration applications in one set

Fast and easy installation at a pressure connection or the temperature measurement location

Low refrigerant loss thanks to hoseless application

Measurement data analyzed and sent via testo Smart Tools App

Handy transport bag testo Smart Case



 Bluetooth
+ App

testo Smart Tools App
for free download



The compact refrigeration set contains the high-pressure measuring instrument testo 549i as well as the clamp thermometer testo 115i (two of each). In conjunction with a smartphone or tablet, the refrigeration set is ideally suited to service and error detection on air conditioning and refrigeration systems, as well as their installation. Both measuring instruments can be set up quickly and easily directly at the pressure connection or the temperature measurement location. They also make working on widely spaced measuring points considerably easier thanks to wireless connection to a Smartphone or Tablet. The measurement values of both instruments are transmitted by Bluetooth connection to the App installed on the end

device, and can be conveniently and flexibly read out. 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 quickly. The App also enables evaporation and condensation temperatures to be calculated automatically. All measurement data is displayed either as a chart or in table form. The measurement data log can be emailed directly as a PDF or Excel file. The handy testo Smart Case enables the measuring instruments to be conveniently transported and means that they are always to hand when they are needed.

Technical data/accessories

Smart Tools – refrigeration set

testo Smart Tools refrigeration set for servicing, commissioning and error detection on air conditioning and refrigeration systems. Consists of: 2x testo 115i, 2x testo 549i, testo Smart Case (refrigeration), batteries, calibration protocol



Order no. 0563 0002



testo Smart Tools App

The App turns your smartphone/tablet into the display of up to 6 Testo Smart Tools at the same time. The operation of the measuring instruments as well as the display of the measurement values take place by Bluetooth via the Testo Smart Tools 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.

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	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 final value
Resolution	0.1 °C	0.01 bar
Connection		7/16" – UNF
Overload rel.		65 bar
Compatibility	requires iOS 8.3 or newer / Android 4.3 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	250 hrs	150 hrs
Dimensions	183 x 90 x 30 mm	125 x 32 x 31 mm
Measurable media		CFC, HFC, HCFC, N, H ₂ O, CO ₂
Warranty	2 years	

Subject to change, including technical modifications, without notice.

Accessories

Order no.

ISO calibration certificate relative pressure, 3 measurement points distributed over the entire measuring range	0520 0085	
ISO calibration certificate temperature, one-point calibration for clamp thermometer, calibration point +60 °C	0520 0072	

