We measure it.

Testo Smart Probes – refrigeration set

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

°C

bar

- Compact pro measuring instrument from the Testo Smart Probes 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 Probes App
- Handy transport bag testo Smart Case

Bluetooth + App

testo Smart Probes App for free download

Google play | Available on the App Store

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 Probes – refrigeration set

testo Smart Probes 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 Probes App
The App turns your smartphone/tablet into the display of up to 6 Testo Smart Probes 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 Probes 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.

	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
Compatability	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	150 hrs	150 hrs
Dimensions	183 x 90 x 30 mm	125 x 32 x 31 mm
Measurable media		CFC, HFC, HCFC, N, H_2O, CO_2
Warranty	2 years	

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	

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Subject to change, including technical modifications, without notice.