

High-pressure gauge operated with smartphone

testo 549i

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

Measurement of high and low pressure

Fast and easy installation at a pressure connection

Low refrigerant loss thanks to hoseless application

Measurement data analyzed and sent
via testo Smart Probes App

Space-saving and easy to transport



 Bluetooth
+ App

testo Smart Probes App
for free download



The handy high-pressure gauge testo 549i, in combination with a smartphone or tablet, is suitable for service and error detection on air conditioning and refrigeration systems, as well as for their installation. The measuring instrument can be quickly and easily attached directly to the pressure connection. When working at pressure connections which are far apart, the testo 549i makes the application considerably easier – thanks to a wireless connection to a smartphone or tablet. Also useful: since no hoses are needed for the measurements, very little or no refrigerant is lost.

And if the clamp thermometer testo 115i is used simultaneously, individual refrigeration system parameters such as superheating can be calculated. Users can read off their measurement values comfortably in the testo Smart Probes App installed on the end device. The testo Smart Probes App additionally enables the automatic calculation of evaporation and condensation temperatures. All measurement data are presented either as a diagram or in tabular form. The measurement protocols can then be directly sent as PDF or Excel files.


Technical data/accessories

testo 549i

testo 549i, high-pressure gauge operated with smartphone, incl. batteries and calibration protocol



Order no. 0560 1549



testo Smart Probes App

The App turns your smartphone/tablet into the display of the testo 549i. The operation of the measuring instrument 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.

| Sensor type | Pressure |
|-------------------|----------------------|
| Measuring range | -1 to 60 bar |
| Accuracy ±1 digit | 0.5 % of final value |
| Resolution | 0.01 bar |
| Connection | 7/16" – UNF |
| Overload rel. | 65 bar |

General technical data

| | |
|-----------------------|---|
| 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 | 150 hrs |
| Measurable media | CFC, HFC, HCFC, N, H ₂ O, CO ₂ |
| Dimensions | 125 x 32 x 31 mm |

| Accessories | Order no. |
|---|-----------|
| testo Smart Case (refrigeration) for the storage and transport of 2 x testo 115i and 2 x testo 549i, dimensions 250 x 180 x 70 mm | 0516 0240 |
| ISO calibration certificate relative pressure, 3 measurement points distributed over the entire measuring range | 0520 0085 |

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Subject to change without notice.

