

## Smart Probes – heating set

**testo 115i clamp thermometer**  
**testo 510i differential pressure measuring instrument**  
**testo 805i infrared thermometer**  
**in the testo Smart Case**

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

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All necessary instruments for non-contact temperature measurement and the measurement of flow and return temperature, as well as gas flow pressure

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Measurement data analyzed and sent via testo Smart Probes App

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Measurement data analysis as a table or graph

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Handy transport bag testo Smart Case

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 **Bluetooth + App**

testo Smart Probes App  
for free download



The compact heating set with the testo 115i clamp thermometer, the testo 510i differential pressure measuring instrument and the testo 805i infrared thermometer is ideal for important measuring tasks performed by heating engineers. In conjunction with a smartphone or tablet, all heating system temperatures and pressures can be measured and checked. Users can read off their measurement values comfortably in the App installed on the end device. In IR temperature measurement, on underfloor heating, for example, the App makes it possible to document the measurement with an image, temperature

measurement value and measurement spot marker. It is also possible to change the displayed measurement parameters quickly. Application-specific menus, such as pressure-drop test incl. alarms, support the heating technician in his daily work. All measurement data are presented either as a diagram or in tabular form. The measurement data log can then be emailed directly as a PDF or Excel file. In the handy testo Smart Case, the measuring instruments can be conveniently transported and are always to hand when they are needed.

## Technical data/accessories

### Smart Probes – heating set

Testo Smart Probes – heating set for pressure and temperature measurement on heating systems. Consists of: testo 115i, testo 510i incl. hose set (Ø 4 mm and 5 mm) with adapter, testo 805i, testo Smart Case (heating), batteries, calibration protocol



Order no. 0563 0004



#### 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 510i   | testo 805i  |
|-----------------------|---|--|---|
| <b>Sensor type</b>    | <b>NTC</b>  | <b>Pressure</b>  | <b>Infrared</b>   |
| Measuring range       | -40 to +150 °C  | -150 to 150 hPa  | -30 to +250 °C  |
| Accuracy<br>±1 digit  | ±1.3 °C (-20 to +85 °C)   | ±0.05 hPa (0 to 1 hPa)<br>±(0.2 hPa + 1.5 % of m.v.)<br>(1 to 150 hPa) | ±1.5 °C or ±1.5 % of reading<br>0 to +250 °C<br>±2.0 °C (-20 to -0.1 °C)<br>±2.5 °C (-30 to -20.1 °C) |
| Resolution            | 0.1 °C  | 0.01 hPa   | 0.1 °C  |
| Compatibility         | requires iOS 8.3 or newer / Android 4.3 or newer<br>requires mobile end device with Bluetooth 4.0 |  |   |
| Storage temperature   | -20 to +60 °C   |  |   |
| Operating temperature | -20 to +50 °C   |  | -10 to +50 °C   |
| Battery type          | 3 micro batteries AAA   |  |   |
| Battery life          | 150 hrs   | 150 hrs  | 30 hrs  |
| Dimensions            | 183 x 90 x 30 mm  | 148 x 36 x 23 mm   | 140 x 36 x 25 mm  |
| Optics                |   |  | 10:1  |
| Laser marking         |   |  | Diffractive optics (laser circle)   |
| Emissivity            |   |  | 0.1 to 1.0 adjustable   |
| Warranty              | 2 years   |  |   |

#### Accessories

#### Order no.

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| ISO calibration certificate temperature, infrared thermometer, calibration points +60 °C; +120 °C, +180 °C     | 0520 0002 |  |
| ISO calibration certificate temperature, one-point calibration for clamp thermometer, calibration point +60 °C | 0520 0072 |  |
| ISO calibration certificate pressure, accuracy > 0.6 % of final value  | 0520 0005 |  |