



Data sheet

**testo Smart Probes –
heating kit**

testo Smart Probes – heating kit

testo 115i clamp thermometer

testo 510i differential pressure measuring instrument

testo 805i infrared thermometer
in the testo Smart Case

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

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

Measurement data analyzed and sent via testo Smart Probes App

Measurement data displayed as a table or graphic

Handy testo Smart Case transport bag



Bluetooth®
+ App

testo Smart Probes App
for free download



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

reading and measurement spot marking. It is also possible to change the displayed measurement parameters just as quickly. Application-specific menus, such as the pressure-drop test including alarms, support heating engineers in their daily work. All measurement data are presented either as a diagram or a table. Finally, the measurement data report can 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

testo Smart Probes – heating kit

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



Order no. 0563 0004 10



testo Smart Probes 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 Probes 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 510i	testo 805i
Sensor type	NTC	Pressure	Infrared
Measuring range	-40 to +150 °C	-150 to 150 hPa	-30 to +250 °C
Accuracy ±1 digit	±1.3 °C (-20 to +85 °C)	±0.05 hPa (0 to 1 hPa) ±(0.2 hPa + 1.5% of m.v.) (1 to 150 hPa)	±1.5 °C or ±1.5% of m.v. (0 to +250 °C) ±2.0 °C (-20 to -0.1 °C) ±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 requires mobile terminal device with Bluetooth® 4.0		
Bluetooth® range	up to 100 m	up to 15 m	up to 15 m
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

Accessories

Order no.

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

Lindab Ltd

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