

Smart Tools – heating set

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

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

All necessary instruments 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 Probe App

Measurement data analysis as a table or graph

Handy transport bag testo Smart Case



Bluetooth
+ App

testo Smart Probe 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 Tools – heating set

Testo Smart Tools – 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 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 Probe 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
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 reading 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 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	250 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.

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	