



## Smart & Wireless

# Hydronic Heating System Smart Probe kit\*

testo 115i Clamp Thermometer  
testo 510i Differential Pressure Manometer  
testo 805i Infrared Thermometer  
in the testo Smart Case



Measures manifold gas pressure, pressure drop, air flow, (with optional pitot tube), pipe and radiator temperatures

Perform timed pressure leak-down tests on pipe systems

Measures temperature of pipes in heating and cooling systems with accurate and stable NTC temperature sensor

Photograph objects with smart device, capturing measurement marker and temperature values for reference and reporting (805i)

Measurement data is transmitted to the convenient and powerful testo **Smart Probes App** in your smart device

Tough, accurate, and easy-to-use

For all HVAC/R technicians and contractors



Bluetooth  
+ App

testo Smart Probes App  
for free download



\*Operates with iOS or Android smart devices such as smart phones, tablets, etc.

The testo Hydronic Heating System Smart Probe Set contains three instruments designed for use on a hydronic heating system to determine gas flow and static pressure, measure temperature of radiators with an IR probe, and to measure pressure leak-down tests in piping systems. The instruments can be used simultaneously and read through your smart device using the testo **Smart Probes App**. The kit comes with a handy case at a great value.

The testo **Smart Probes App** is a powerful and easy-to-use tool. It allows you to remotely read measurements from up to six (6) Smart Probes and easily document/report the results. Automatic calculations make it a snap! All measurement data is displayed as instrument readings, tables, or graphs. The measurements can be quickly saved as PDF or Excel files. The App creates custom reports which can be saved and/or shared by email. All your data can be stored and retrieved saving you hours of time consuming paperwork!

## Technical data/accessories

### Smart Probes – Heating kit

testo Smart Probes – hydronic heating set for pressure and temperature measurement on heating systems. Consists of: testo 115i, testo 510i incl. hose set (Ø 0.15 in and 0.2 in) with adapter, testo 805i, testo Smart Case (heating), batteries, and certificate of calibration



Order no. 0563 0004



### Testo Smart Probes App

The Testo **Smart Probes App** combines the power of your smart phone/tablet with the accurate measurements of your Smart Probes. The operation and display of the instruments are communicated via Bluetooth to the App on your smart phone or tablet. The **Smart Probes App** uses the measurements to create custom reports (including added photos and comments). Information and reports can be saved as files and/or sent by e-mail. For Apple iOS and Android.

	testo 115i	testo 510i	testo 805i
<b>Sensor type</b>	<b>NTC</b>	<b>Pressure</b>	<b>Infrared</b>
Measuring range	-58 to 302 °F	-60 to 60 inWC	-22 to 482 °F
Accuracy	±2.3 °F (-4 to 185 °F)	±0.02 inWC (0 to 0.4 inWC) ±(0.01 inWC + 1.5 % of m.v.) (0.4 to 60 inWC)	±2.7 °F or ±1.5 % of reading (32 to 482 °F) ±3.6 °F (-4 to 32 °F) ±4.5 °F (-22 to -4 °F)
Resolution	0.1 °F	0.004 inWC	0.1 °F
Compatibility	requires iOS 8.3 (or later) / Android 4.3 (or later)		
	requires mobile device with Bluetooth 4.0		
Storage temperature	-4 to 140 °F		
Operating temperature	-4 to 122 °F		-14 to 122 °F
Battery type	3 AAA batteries		
Battery life	250 hrs	150 hrs	30 hrs
Dimensions	7.2 x 3.5 x 1.2 in.	5.8 x 1.4 x 0.9 in	5.5 x 1.4 x 1.0 in
Optics			10:1
Laser marking			Diffraction optics (laser circle)
Emissivity			0.1 to 1.0 adjustable
Warranty	2 years		
Measuring Units	°F, °C	mbar, hPa, Pa, mmHg, inHg, inWC, psi, mmWC, m/s, fpm, m³/h, cfm, l/s	°F, °C

testo Smart Probe Hydronic Heating Set data sheet ver 1.0 | Subject to change without notice | Not responsible for typographical errors.

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