

# Clamp thermometer operated with smartphone

testo 115i

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

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Measurement of flow and return temperature of heating systems

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Temperature measurement on refrigeration systems for calculation of superheating and subcooling

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Fast identification of temperature changes by graphic progression display

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Measurement data analyzed and sent via testo Smart Probes App

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Problem-free use at measuring points that are a long distance apart – Bluetooth® range up to 100 m

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In conjunction with a smartphone or tablet, the handy testo 115i clamp thermometer is suitable for servicing and troubleshooting on air conditioning and refrigeration systems, as well as for their installation. In addition, the measuring instrument can also be used to measure flow and return temperatures. The testo 115i makes it considerably easier to work on measuring points that are a long distance apart, thanks to wireless connection to a smartphone or tablet.

And simultaneous use of the testo 549i high-pressure measuring instrument also enables calculation of individual refrigeration system parameters, such as superheating and subcooling. Users can read off their measuring values conveniently via the testo Smart Probes App installed on the terminal device. All measurement data are presented either as a graph or a table. Finally, the measurement data reports can be sent directly as pdf or Excel files.

## Technical data/accessories

### testo 115i

testo 115i, clamp thermometer operated with smartphone, for measurement on pipelines with diameters of 6 to max. 35 mm, including batteries and calibration protocol

Order no. 0560 2115 02



#### testo Smart Probes App

The App turns your smartphone/tablet into the display for the testo 115i. Both the operation of the measuring instrument 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.

#### Sensor type

#### NTC

Measuring range	-40 to +150 °C
Accuracy ±1 digit	±1.3 °C (-20 to +85 °C)
Resolution	0.1 °C

#### General technical data

Compatibility	requires iOS 8.3 or newer / Android 4.3 or newer
	requires mobile terminal 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
Dimensions	183 x 90 x 30 mm
Bluetooth® range	up to 100 m

#### 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	
testo Smart Case (heating) for the storage and transport of testo 115i, testo 410i, testo 510i, testo 549i and testo 805i, dimensions 250 x 180 x 70 mm	0516 0270	
ISO temperature calibration certificate, one-point calibration for clamp thermometer, calibration point +60 °C	0520 0072	