



Data sheet  
testo 915i

# Thermometer operated with your smartphone

**testo 915i – wireless Smart Probe  
with plug-in measurement probes**

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Smart Probe with wireless temperature measurement in the most diverse applications, thanks to large selection of probes and compatibility with common Type K thermocouple probes

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Secure attachment of the Testo measurement probe thanks to innovative locking mechanism on the handle

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Easy operation, evaluation and documentation with cost-free testo Smart App

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Automatic Bluetooth® connection to smartphones, tablets or Testo measuring instruments (.g. testo 400, testo 550s) with a range of up to 100 m

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High measurement accuracy thanks to system calibration ex-works

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The wireless Smart Probe testo 915i with plug-in TC probes makes temperature measurements even faster, easier and more flexible. Thanks to the innovative locking mechanism with compatibility with all Testo and other common Type K thermocouple probes, the Smart Probe can be used in the most diverse applications.

The measurement values are displayed in the cost-free testo Smart App, and temperature curves presented in a clear and graphic way. All measurement data can be reported directly in the App and then sent as PDF or CSV files.

testo 915i connects automatically by Bluetooth® to the App on the smartphone, tablet or directly with other measuring instruments from Testo.

testo 915i is available with various Class 1 plug-in probes: immersion/penetration probes, surface probes, air probes or flexible probes. testo 915i as a kit with three temperature probes in a practical Smart Case is especially versatile. Thanks to its proven quality and great durability, you can rely on your Testo Smart Probe in any conditions.





## Order data

### testo 915i with flexible probe

Wireless Smart Probe testo 915i with flexible probe (TC Type K), incl. batteries and calibration protocol.

Order no. 0563 4915



### testo 915i with air probe

Wireless Smart Probe testo 915i with air probe (TC Type K), incl. batteries and calibration protocol.

Order no. 0563 3915



### testo 915i with immersion/penetration probe

Wireless Smart Probe testo 915i with immersion/penetration probe (TC Type K), incl. batteries and calibration protocol.

Order no. 0563 1915



### testo 915i with surface probe

Wireless Smart Probe testo 915i with surface probe (TC Type K), incl. batteries and calibration protocol.

Order no. 0563 2915



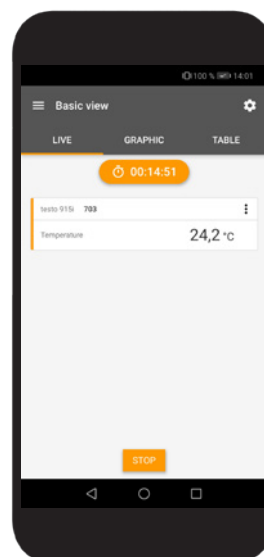
### testo 915i kit

Universal temperature kit consisting of Smart Probe testo 915i with plug-in immersion/penetration probe, air probe and surface probe in Smart Case, incl. batteries and calibration protocol.

Order no. 0563 5915



### testo Smart App



**The cost-free testo Smart App turns your smartphone/tablet into the display for the testo 915i.** The operation of the Smart Probe and the display of the measurement values take place wirelessly by Bluetooth® on your smartphone – independently of the measurement location. In addition, you can use the App to create measurement reports, add photos and comments to these and conveniently send them by e-mail.

#### testo Smart App

for free download  
of iOS and Android




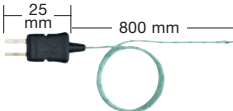
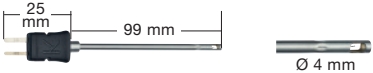
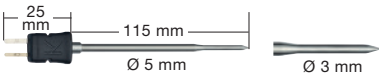
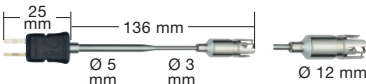


## Technical data

	testo 915i with flexible probe	testo 915i with air probe	testo 915i with immersion/ penetration probe	testo 915i with surface probe	testo 915i kit with air probe, immersion/penetration probe and surface probe
Sensor type	TC Type K				see respective columns testo 915i with air probe, immersion/penetration probe and surface probe
Measuring range	-50 to +400 °C	-50 to +400 °C		-50 to +350 °C	
System accuracy (handle testo 915i + probe)	±1.0 °C (-30 to +80 °C) ±(0.7 °C + 1 % of measured value) (-50 to -30 °C) ±(0.2 °C + 1 % of measured value) (+80 to +400°C)	±1.0 °C (-50 to +100 °C) ±1 % of measured value (remaining meas. range)		±(1.0 °C + 1 % of m.v.)	
Resolution	0.1 °C/°F				
t <sub>90</sub> (at 1 m/s)	3 s	60 s	3 s	3 s	
Protection class	IP40	IP20	IP40	IP20	
Probe length	800 mm	99 mm	115 mm	136 mm	
Probe diameter		Ø probe shaft 4 mm	Ø probe shaft 5 mm Ø probe tip 3 mm	Ø probe shaft 5 / 3 mm Ø probe tip 12 mm	
Probe locking	Yes (with handle testo 915i)				
Weight	96 g	99 g	99 g	110 g	

### Common data Bluetooth® handle testo 915i

Measuring range	-60 to +1000 °C	Function indicator	3-colour LED (orange/red/green)
Accuracy	±(0.5 °C + 0.3 % of measured value)	Compatibility	requires iOS 12.0 or newer/Android 6.0 or newer
Resolution	0.1 °C/°F	Bluetooth®	requires mobile end device with Bluetooth® 4.0
Protection class	IP30		Range up to 100 m
Operating temperature	-20 to +50 °C	Auto off	automatic connection to testo Smart App and Testo measuring instruments
Storage temperature	-20 to +60 °C		after 10 Minuten without Bluetooth® connection
Dimensions	129 x 31 x 31 mm	Measurement/ connection cycle	1 s
Battery type	3 AAA microcells		
Battery life	150 h at +25 °C and measurement cycle 1 s		
Plug-in probe connection	Lockable connection to 4 standard probes testo 915i Standard plug-in connection to other common TC probes		

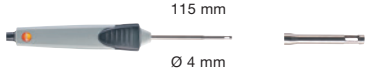
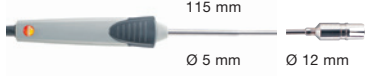
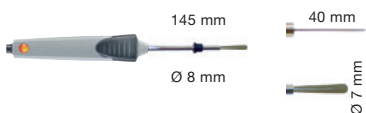
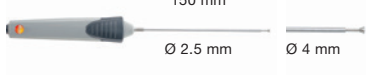







Bluetooth® handle	Dimensions	Measuring range	Accuracy handle		
Bluetooth® handle testo 915i with locking mechanism for secure attachment of the 4 standard probes of testo 915i		-60 to +1000 °C	±(0.5 °C + 0.3 % of measured value)		
Probe type	Dimensions	Measuring range	System accuracy*	Probe accuracy	Response time
Flexible probe, TC Type K, for secure attachment to the locking mechanism of the Bluetooth® handle		-50 to +400 °C	±1.0 °C (-30 to +80 °C) ±(0.7 °C + 1 % of measured value) (-50 to -30 °C) ±(0.2 °C + 1 % of measured value) (+80 to +400 °C)	Class 1 <sup>1)</sup>	3 sec
Air probe, TC Type K, for secure attachment to the locking mechanism of the Bluetooth® handle		-50 to +400 °C	±1.0 °C (-50 to +100 °C) ±1 % of measured value (remaining meas. range)	Class 1 <sup>1)</sup>	60 sec
Immersion/penetration probe, TC Type K, for secure attachment to the locking mechanism of the Bluetooth® handle		-50 to +400 °C	±1.0 °C (-50 to +100 °C) ±1 % of measured value (remaining meas. range)	Class 1 <sup>1)</sup>	3 sec
Surface probe, TC Type K, for secure attachment to the locking mechanism of the Bluetooth® handle		-50 to +350 °C	±(1.0 °C + 1 % of m.v.)	Class 1 <sup>1)</sup>	3 sec

\* System accuracy testo 915i handle and standard probes testo 915i.

<sup>1)</sup> According to standard EN 60584-1, the accuracy of Class 1 refers to -40 to +1000 °C (Type K).



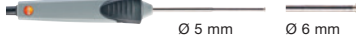


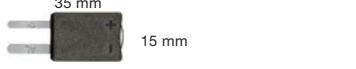


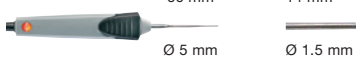





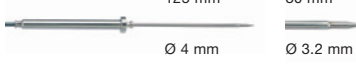
## Other temperature probes TC Type K

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	Response time	Order no.
Robust air probe, TC Type K, fixed cable	 115 mm Ø 4 mm	-60 to +400 °C	Class 2 <sup>1)</sup>	200 sec	0602 1793
Very fast-reaction surface probe with sprung thermocouple strip, also suitable for uneven surfaces, measuring range briefly up to +500°C, TC Type K, fixed cable	 115 mm Ø 5 mm	-60 to +300 °C	Class 2 <sup>1)</sup>	3 sec	0602 0393
Fast-reaction paddle surface probe, for measurements in places that are difficult to access, e.g. narrow openings and cracks, TC Type K, fixed cable	 145 mm Ø 8 mm 40 mm Ø 7 mm	0 to +300 °C	Class 2 <sup>1)</sup>	5 sec	0602 0193
Precise, watertight surface probe with small measuring head for even surfaces, TC Type K, fixed cable	 150 mm Ø 2.5 mm Ø 4 mm	-60 to +1000 °C	Class 1 <sup>1)</sup>	20 sec	0602 0693
Very fast-reaction surface probe with sprung thermocouple strip, angled for uneven surfaces as well, measuring range briefly up to +500°C, TC Type K, fixed cable	 80 mm Ø 5 mm 50 mm Ø 12 mm	-60 to +300 °C	Class 2 <sup>1)</sup>	3 sec	0602 0993
Surface temperature probe TC Type K, with telescope max. 985 mm, for measurements in locations that are difficult to access, fixed cable 1.6 m (correspondingly shorter when telescope is extended)	 985 ±5 mm 12 mm Ø 25 mm	-50 to +250 °C	Class 2 <sup>1)</sup>	3 sec	0602 2394
Magnetic probe, adhesive power approx. 20 N, with adhesive magnets, for measurements on metal surfaces, TC Type K, fixed cable	 35 mm Ø 20 mm	-50 to +170 °C	Class 2 <sup>1)</sup>	150 sec	0602 4792
Magnetic probe, adhesive power approx. 10 N, with adhesive magnets, for higher temperatures, for measurements on metal surfaces, TC Type K, fixed cable	 75 mm Ø 21 mm	-50 to +400 °C	Class 2 <sup>1)</sup>		0602 4892
Thermoelectric couple with TC plug, flexible, length 800 mm, glass fibre, TC Type K	 800 mm Ø 1.5 mm	-50 to +400 °C	Class 2 <sup>1)</sup>	5 sec	0602 0644
Thermoelectric couple with TC plug, flexible, length 1500 mm, glass fibre, TC Type K	 1500 mm Ø 1.5 mm	-50 to +400 °C	Class 2 <sup>1)</sup>	5 sec	0602 0645
Thermoelectric couple with TC plug, flexible, length 1500 mm, PTFE, TC Type K	 1500 mm Ø 1.5 mm	-50 to +250 °C	Class 2 <sup>1)</sup>	5 sec	0602 0646

<sup>1)</sup> According to standard EN 60584-1, the accuracy of Class 1 refers to -40 to +1000°C (Type K), of Class 2 to -40 to +1200°C (Type K) and of Class 3 to -200 to +40°C (Type K). A probe only ever complies with one accuracy class.



## Other temperature probes TC Type K

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t <sub>99</sub>	Order no.
Watertight surface probe with wider measuring tip for even surfaces, TC Type K, fixed cable		-60 to +400 °C	Class 2 <sup>1)</sup>	30 sec	0602 1993
Pipe wrap probe with Velcro strip, for measuring temperatures on pipes with diameters up to max. 120 mm, Tmax +120°C, TC Type K, fixed cable		-50 to +120 °C	Class 1 <sup>1)</sup>	90 sec	0628 0020
Pipe wrap probe for pipe diameters 5 to 65 mm, with interchangeable measuring head, measuring range briefly up to +280°C, TC Type K, fixed cable		-60 to +130 °C	Class 2 <sup>1)</sup>	5 sec	0602 4592
Replacement measuring head for pipe wrap probe, TC Type K		-60 to +130 °C	Class 2 <sup>1)</sup>	5 sec	0602 0092
Clamp probe for measurements on pipes, pipe diameters 15 to 25 mm (max. 1"), measuring range briefly up to +130°C, TC Type K, fixed cable		-50 to +100 °C	Class 2 <sup>1)</sup>	5 sec	0602 4692
Precise and fast immersion probe, flexible, watertight, TC Type K, fixed cable		-60 to +1000 °C	Class 1 <sup>1)</sup>	2 sec	0602 0593
Ultra-fast, watertight immersion/penetration probe, TC Type K, fixed cable		-60 to +800 °C	Class 1 <sup>1)</sup>	3 sec	0602 2693
Immersion measuring tip, flexible, TC Type K		-40 to +1000 °C	Class 1 <sup>1)</sup>	5 sec	0602 5792
Immersion measuring tip, flexible, TC Type K		-200 to +40 °C	Class 3 <sup>1)</sup>	5 sec	0602 5793
Immersion measuring tip, flexible, for measurements in air/flue gases (not suitable for measurements in smelters), TC Type K		-40 to +1000 °C	Class 1 <sup>1)</sup>	4 sec	0602 5693
Watertight immersion/penetration probe, TC Type K, fixed cable		-60 to +400 °C	Class 2 <sup>1)</sup>	7 sec	0602 1293
Flexible, low-mass immersion measuring tip, ideal for measurements in small volumes, such as Petri dishes, or for surface measurements (e.g. fixed with adhesive tape)	 TC Type K, 2 m, FEP-insulated thermal wire, temperature-resistant up to 200°C, oval cable with dimensions: 2.2 mm x 1.4 mm	-200 to +1000 °C	Class 1 <sup>1)</sup>	1 sec	0602 0493
Watertight food probe made of stainless steel (IP65), TC Type K, fixed cable		-60 to +400 °C	Class 2 <sup>1)</sup>	7 sec	0602 2292

<sup>1)</sup> According to standard EN 60584-1, the accuracy of Class 1 refers to -40 to +1000°C (Type K), of Class 2 to -40 to +1200°C (Type K) and of Class 3 to -200 to +40°C (Type K). A probe only ever complies with one accuracy class.



## Accessories

Probe kit	Order no.
Probe kit, TC Type K, accuracy Class 1, consisting of immersion/penetration probe, air probe and surface probe. Secure attachment of the probe to the locking mechanism of the Bluetooth® handle	0602 5093
testo Smart Case	Order no.
testo Smart Case for the storage and transport of testo 915i and plug-in probes, dimensions 250 x 180 x 70 mm	0516 0032
Calibration certificates	Order no.
ISO temperature calibration certificate, for air/immersion probe, calibration points -18 °C; 0 °C; +60 °C	0520 0001
ISO calibration certificate temperature, for air/immersion probe, calibration point -18 °C	0520 0061
ISO calibration certificate temperature, for air/immersion probe, calibration point 0 °C	0520 0062
ISO calibration certificate temperature, for air/immersion probe, calibration point +60 °C	0520 0063
ISO temperature calibration certificate for surface probes; with 3 measuring points: +60 / +120 / +180 °C	0520 0071
ISO temperature calibration certificate for surface probes; with 1 measuring point: +60 °C	0520 0072
ISO temperature calibration certificate for surface probes; with 1 measuring point: +120 °C	0520 0073
DAkkS temperature calibration certificate for surface probes; with 3 measuring points: +100 / +200 / +300 °C	0520 0271

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