

# Penetration/surface temperature measuring instrument

## testo 905

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Easy read-out of measurement values due to rotatable display

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Broad measuring range

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High temperature measurement, short-term up to +500 °C

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Very fast reaction time

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Easy to operate

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Large display

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Auto-off function

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The testo 905-T1 is a particularly fast penetration thermometer with a broad measuring range of -50 to +350 °C, in the short term even up to +500 °C (1 to 2 minutes). The measuring instrument has a professional industrial sensor (thermocouple Type K). It has an excellent level of accuracy, especially in the upper measuring range. The testo 905-T2 is a surface thermometer with a broad measuring range of -50 to +350 °C, in the short term

even up to +500 °C (1 to 2 minutes). The sprung, broad thermocouple measurement head guarantees a very fast reaction time and high accuracy thanks to the ability to adapt to rough surfaces.

Both instruments have a rotatable display with whose help the measurement values can be read off optimally from different perspectives.

# Technical data / Accessories

## testo 905-T1



testo 905-T1: penetration thermometer, broad measuring range up to 350 °C, high accuracy, incl. attachment clip, battery

Part no. 0560 9055

## testo 905-T2



testo 905-T2: surface thermometer with cross-band probe, extremely fast response time, high accuracy, incl. attachment clip and battery

Part no. 0560 9056

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Subject to change without notice.

**Technical data**

	<b>testo 905-T1</b>	<b>testo 905-T2</b>
Measuring range	-50 to +350 °C (Short-term to +500 °C)	-50 to +350 °C (Short-term to +500 °C)
Accuracy ±1 digit	(ref. to adjustment temperature of +25 °C) ±1 °C (-50 to +99.9 °C) ±1% of m.v. (remaining range)	(ref. to adjustment temperature of +25 °C) ±(1 °C ±1% of m.v.)
Resolution	0.1 °C	0.1 °C
Operating temperature	0 to +40 °C	0 to +40 °C
Storage temperature	-20 to +70 °C	-20 to +70 °C
Battery type	3 AAA micro batteries	3 AAA micro batteries
Battery life	1000 h	1000 h
Reaction time	approx. 10 s	approx. 5 s
Reaction type	t <sub>99</sub> (in water)	t <sub>99</sub>
Display	LCD, 1 line	LCD, 1 line
Weight	80 g	80 g

**Accessories for measuring instrument Part no.**  
**testo 905-T1**

ISO calibration certificate/temperature for air/immersion probes, calibration point 0°C	0520 0062	
ISO calibration certificate/temperature for air/immersion probes, calibration point -18°C	0520 0061	
ISO calibration certificate/temperature for air/immersion probes, calibration point +60°C	0520 0063	
ISO calibration certificate/temperature for air/immersion probes, calibration points -18°C; 0°C; +60°C	0520 0001	

**Accessories for measuring instrument Part no.**  
**testo 905-T2**

ISO calibration certificate/temperature single point calibration for surface thermometer; calibration point +120°C	0520 0073	
ISO calibration certificate/temperature single point calibration for surface thermometer; calibration point +60°C	0520 0072	
ISO calibration certificate/temperature meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071	
ISO calibration certificate/temperature meas. instruments with surface probe; calibration points selectable from -15 to +480°C	0520 0121	

