

# Infrared temperature measuring instrument

testo 826

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Non-contact measurement of surface temperature, ideally suitable for the food sector

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6:1 optics for fast and accurate measurement

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1-point laser measurement spot marking

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Combined instrument with infrared and penetration measurement

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Two adjustable limit values

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Waterproof and robust thanks to dishwasher-safe protective cover TopSafe, according to protection class IP65

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Hold function and display of min./max. values

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**HACCP from every point of view:** the testo 826 series has just been optimized. A higher resolution thanks to the new processor ensures even more accurate measurement results. This allows the temperature to be recorded to an accuracy of 0.1 °C. The min./max. display shows the limit values of the last measurement. You can measure and monitor the temperature of the goods reliably and safely.

## The advantages:

- Always monitor, measure and document temperature accurately, cleanly and quickly.
- Fulfil HACCP regulations, and be able to provide proof at any time.
- Maintain the cold chain in storage and transport.
- Reduce the quantities of spoiled goods and use resources efficiently.
- Measuring instruments calibrated according to strict regulations.
- Conform to HACCP as well as EN 13485.



## Technical data

### testo 826-T2

testo 826-T2, infrared thermometer with 1 point laser sighting, alarm function, incl. TopSafe and wall/belt holder

Part no. 0563 8282



### testo 826-T4

testo 826-T4, infrared thermometer with penetration probe, 1 point laser sighting, alarm function, incl. TopSafe, wall/belt holder, probe protection cap and frozen food drill

Part no. 0563 8284



#### General technical data

Spectral range	8 to 14 $\mu\text{m}$	
	0,5 s	
Distance to measurement spot	6:1	
Emissivity	0,1 to 1	
Meas. spot marking	1-point laser	
Operating temperature	-20 to +50 $^{\circ}\text{C}$	
Storage temperature	-40 to +70 $^{\circ}\text{C}$	
Battery type	2 AAA micro batteries	
Battery life	Approx. 20 h	
Dimensions	148 x 34,4 x 19 mm	
Display	LCD, 1 line	
Weight	80 g	
Standard	EN 13485	
Warranty	2 years	
<b>Sensor types</b>	<b>Infrared</b>	<b>NTC (testo 826-T4)</b>
Measuring range	-50 to +300 $^{\circ}\text{C}$	-50 to +230 $^{\circ}\text{C}$
Accuracy $\pm 1$ digit	$\pm 1,5$ $^{\circ}\text{C}$ (-20 to +100 $^{\circ}\text{C}$ ) $\pm 2$ $^{\circ}\text{C}$ or 2% of m.v. (remaining range)	$\pm 0,5$ $^{\circ}\text{C}$ (-20 to +99,9 $^{\circ}\text{C}$ ) $\pm 1$ $^{\circ}\text{C}$ or 1% of m.v. (remaining range)
Resolution	0,1 $^{\circ}\text{C}$	0,1 $^{\circ}\text{C}$
Spectral range	8 to 14 $\mu\text{m}$	
Measurement rate	0,5 s	1,25 s

## Accessories

Accessories for measuring instrument testo 826-T2 + testo 826-T4	Part no.
ISO calibration certificate/temperature for air/immersion probes, calibration point -18 $^{\circ}\text{C}$	0520 0061
ISO calibration certificate/temperature for air/immersion probes, calibration point 0 $^{\circ}\text{C}$	0520 0062
ISO calibration certificate/temperature For air/immersion probes, calibration points -18 $^{\circ}\text{C}$ ; +60 $^{\circ}\text{C}$	0520 0043
ISO calibration certificate/temperature for air/immersion probes, calibration points -18 $^{\circ}\text{C}$ ; 0 $^{\circ}\text{C}$ ; +60 $^{\circ}\text{C}$	0520 0001
ISO calibration certificate/temperature infrared thermometers, calibration points -18 $^{\circ}\text{C}$ , 0 $^{\circ}\text{C}$ , +60 $^{\circ}\text{C}$	0520 0401
ISO calibration certificate temperature Infrared thermometers, calibration points 0 $^{\circ}\text{C}$ , +60 $^{\circ}\text{C}$	0520 0452