



testo 830-T1/-T2

Fast, Versatile Infrared Thermometers

Non-contact measurements with laser sighting

NEW

°C



Reliable measurements with laser sighting



Easy-to-read display with illumination



Measurement on live or moving parts



Connection for external temperature probes (testo 830-T2)

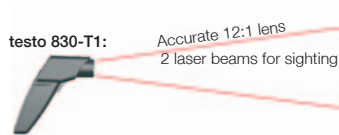
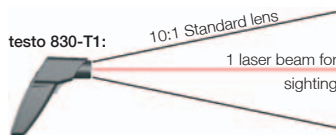
Fast, versatile infrared thermometers with laser sighting

Advantages shared by the testo 830-T1 and 830-T2

- Fast logging
- Laser sighting
- Adjustable alarm limits
- Audible and visual alarm if limits are exceeded
- Easy handling thanks to ergonomic "pistol" design
- Backlit display
- Adjustable emissivity factor (0.2 to 1.0)

Additional advantages of the testo 830-T2

- Exact 2-point sighting
- Accurate 12:1 lens allows efficient measurements over long distances
- External temperature probes can be connected
- Emissivity level can be determined
- Available as an affordable set with efficient surface probe and leather protection sleeve



testo 830-T1



Infrared thermometer with 1-point laser sighting, adjustable limit values and alarm function

Part no. 0560 8301

testo 830-T2



Infrared thermometer with 2-point laser sighting, adjustable limit values and alarm function and connection for external probes

Part no. 0560 8302

testo 830-T2 Set



The affordable set, consisting of testo 830-T2 infrared measuring instrument, accurate surface probe and practical leather protection sleeve.

Part no. 0563 8302

Technical Data

Data common to the testo 830-T1/-T2

Infrared temperature measurement

Meas. range	-30 to +400 °C
Resolution	0.5 °C
Accuracy	±1.5 °C or 1.5% of m.v. (0.1 to 400 °C) ±2 °C or 2% of m.v. (-30 to 0 °C) whichever value is the greater

Application temp. -20 °C to +50 °C

Storage temp. -40 °C to +70 °C

Battery 9 V block

Life 15 h

Dimensions 190 x 75 x 38 mm

Weight 200 g

Specific data for the testo 830-T1

Lens 10:1

Additional data for the testo 830-T2

Lens 12:1

Contact temperature measurement (Type K)

Meas. range	-50 to +500 °C
Resolution	0.1 °C
Accuracy	±(0.5 °C ±0.5% of m.v.)

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Qty.	Measuring instruments	Part no.	
	testo 830-T1, infrared thermometer with 1-point laser sighting and adjustable limit values	0560 8301	
	testo 830-T2, infrared thermometer with 2-point laser sighting, adjustable limit values and T/C connection	0560 8302	
	testo 830-T2 set consisting of testo 830-T2, cross-band surface probe and leather protection sleeve	0563 8302	
Qty.	Accessories for testo 830-T1 and -T2	Part no.	
	Adhesive tape, e.g. for bare surfaces (roll, L.: 10 m, W.: 25 mm)	0554 0051	
	Leather protection sleeve to protect the instrument, including belt clip	0516 8302	
	ISO calibration cert./temp.; infrared thermometer; calibration points +60 °C, +120 °C, +180 °C	0520 0002	
Qty.	Accessories only for testo 830-T2	Part no.	
	Watertight immersion/penetration probe	0602 1292	
	Super quick-action surface probe with sprung thermocouple strip, also suitable for non-plane surfaces, meas. range short-term up to +500 °C	0602 0392	
	Robust, affordable air probe	0602 1792	
	ISO calibration cert./temperature, for air/immersion probes, calibration points +60 °C	0520 0063	
	ISO calibration cert./temperature, for air/immersion probes, calibration points -18 °C, 0 °C, +60 °C	0520 0001	
	ISO calibration cert./temperature, for instruments with surface probes, calibration points +60 °C, +120 °C, +180 °C	0520 0071	