



Committing to the future

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)

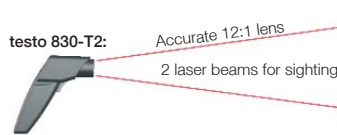
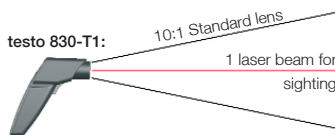
Fast, versatile infrared thermometers with laser sighting

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 mv (+0.1 to +400 °C) ±2 °C or ±2 % of mv (-30 to 0 °C) whichever value is the greater

Oper. temp. -20 to +50 °C

Storage temp. -40 to +70 °C

Battery type 9V block battery

Battery 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 mv)

Fax Order Form

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Sender

Name

Company

Department

Address

Date, Signature

To:

Ordering data

Qty.	Measuring instruments	Part no.	
	testo 830-T1, Infrared thermometer with 1 point laser sighting, adjustable limit values and alarm function	0560 8301	
	testo 830-T2, Infrared thermometer with 2 point laser sighting, adjustable limit values, alarm function and connection of external probes	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 polished surfaces (roll, 10 m long, 25 mm wide)	0554 0051	
	Leather case to protect measuring instrument, including belt holder	0516 8302	
	ISO calibration certificate/temperature, infrared thermometer; calibration points +60°C; +120°C; +180°C	0520 0002	
Qty.	Accessories only for testo 830-T2	Part no.	
	Waterproof immersion/penetration probe	0602 1292	
	Quick-action surface probe with spring-loaded thermocouple, also for rough surfaces, measuring range short-term up to +500°C	0602 0392	
	Robust, affordable air probe	0602 1792	
	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	
	ISO calibration certificate/temperature, meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071	