



testo 830-T1/-T2

Fast, Versatile Infrared Thermometers

Non-contact measurements with laser sighting

NEW



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)

°C

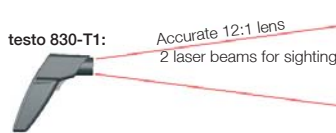
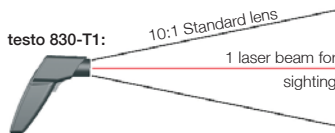
Fast, versatile infrared thermometers with laser sighting

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.)

Quick Order Fax

You can copy this page as often as you like and return the completed copy to us by post or fax.

Sender

Name

Company

Department

Address

Date, Signature

Fax to:

Ordering Data

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	