

Fast, Versatile Infrared Thermometers

Non-contact measurements with laser sighting

NEW

°C



Reliable measurements with laser sighting



Easy-to-read display with illumination



2 mm measurement point for surfaces with a small diameter (testo 830-T3)



Connection for external temperature probes (testo 830-T2/T3)

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)

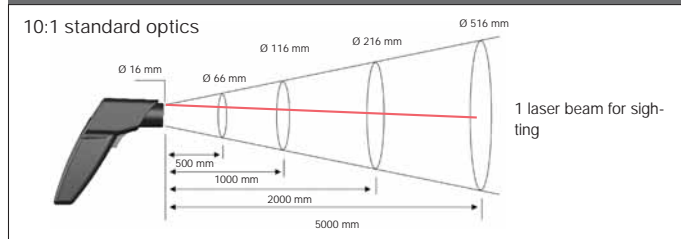
Additional advantages of the testo 830-T2

- 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

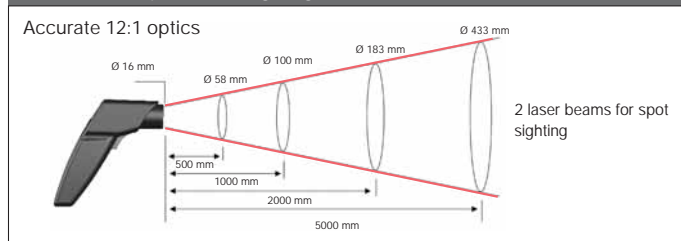
Additional advantages of the testo 830-T3

- Exact 2-point sighting
- Small measurement point 2 mm, distance 25 mm, particularly suited for temperature measurements on surfaces with a small diameter
- External temperature probes can be connected
- Emissivity level can be determined

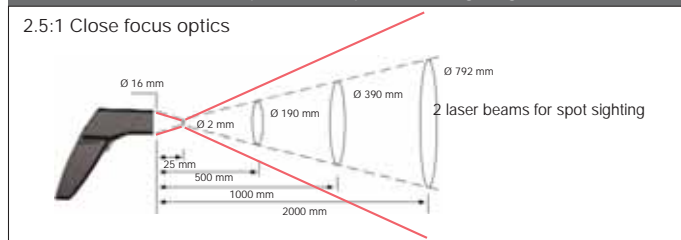
testo 830-T1, 1 point laser sighting



testo 830-T2, 2 point laser sighting



testo 830-T3, close focus optics with 2 point laser sighting



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, alarm function and connection of external probes

Part no. 0560 8302

testo 830-T3

IR temperature measuring instrument with close focus optics, incl. 2-point laser measurement point marking, adjustable limit values and alarm function, contact temperature probe attachable

Part no. 0560 8303

testo 830-T2 Set

Measuring instrument, fast-action surface probe for contact meas. and leather protection case



Low price as part of set

Part no. 0563 8302

Technical data	Infrared thermometer	Contact meas. (Type K)
Meas. range	-30 to +400 °C (830-T1/-T2) -25 to +400 °C (830-T3)	-50 to +500 °C (830-T2/-T3)
Accuracy ±1 digit at +23 °C ambient temperature	830-T1/-T2: ±1.5 °C or 1.5 % of mv (+0.1 to +400 °C) ±2 °C or ±2 % of mv (-30 to 0 °C) 830-T3: ±1 °C (-20 to +100 °C) ±2 °C or ±2% of mv (remaining range)	±(0.5 °C +0.5% of mv)
Resolution	0.5 °C	0.1 °C
Oper. temp.	-20 to +50 °C	Battery type 9V block battery
Storage temp.	-40 to +70 °C	Battery life 15 h
Weight	200 g	

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
	testo 830-T3 Infrared thermometer with close focus optics incl. 2 point laser point marking, adjustable limit values, alarm function and TC connection	0560 8303
Qty.	Accessories for testo 830-T1, -T2 and T-3	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 and -T3	Part no.
	Waterproof immersion/penetration probe	0602 1293
	Quick-action surface probe with spring-loaded thermocouple, also for rough surfaces, measuring range short-term up to +500°C	0602 0393
	Robust, affordable air probe	0602 1793
	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



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