

testo 830-T2, non-contact temperature measurement with 2-point laser

testo 830-T2

The fast-action infrared thermometer with 12:1 optics is ideal for temperature measurements on large surfaces. The 2-point laser marks the diameter of the measurement spot thereby preventing areas outside the object from being measured.

- 12:1 optics for larger surfaces
- 2-point laser for spot sighting
- Displays current value and hold value
- Emissivity measurement using external temperature probe
- Audible and optical alarm if limit values are exceeded
- Fast-action data recording with 2 measurements per second
- Backlit display



2-point laser sighting
(actual measurement spot)



Possibility of connecting
external probe



Checks, e.g. of compressor temperature

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-T2 Set

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

Part no. 0563 8302

Technical data	Infrared thermometer	Contact measurement (Type K)
Meas. range	-30 to +400 °C	-50 to +500 °C
Accuracy ±1 digit at 23 °C ambient temperature	±1.5 °C or ±1.5% of mv (+0.1 to +400 °C) ±2 °C or ±2% of mv (-30 to 0 °C)	±(0.5 °C +0.5% of mv)
Resolution	0.5 °C	0.1 °C
Oper. temp.	-20 to +50 °C	
Storage temp.	-40 to +70 °C	
Emissivity	Adjustable 0.2 to 1.0	
Battery type	9V block battery	
Battery life	15 h	
Dimensions	190 x 75 x 38 mm	
Optical resolution	17:1	

Accessories Ordering data

Part no.

Adhesive tape e.g. for polished surfaces (roll, 10 m long, 25 mm wide), E = 0.95, temperature resistant up to +300°C	0554 0051
Leather case to protect measuring instrument, including belt holder	0516 8302
Fast-action surface probe with sprung thermocouple strip, also for uneven surfaces, measurement range short-term to +500°C, TC Type K	0602 0393
Waterproof immersion/penetration probe, TC Type K	0602 1293
Robust air probe, T/C Type K	0602 1793
ISO calibration certificate/temperature, infrared thermometer; calibration points +60°C; +120°C; +180°C	0520 0002
ISO calibration certificate/temperature, meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071
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

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Precise 12:1 optics

