

## Non-contact temperature measurement – With laser sighting

### testo 830-T1

The fast and versatile infrared thermometer with 1 point laser sighting

- 10:1 optics
- Adjustable emissivity 0.2 to 1.0
- Audible and visual alarm if limit is exceeded

### testo 830-T2

The testo 830-T2 additionally has a 2 point laser sighting and connection option for an external probe for contact measurement.

- 12:1 optics enables exact measurements over far distances

### testo 830-T3

The infrared thermometer with close focus optics and 2 point laser sighting is especially suited for temperature measurements on surfaces with a small diameter.

- Small measurement point of 2 mm, distance 25 mm
- °C contact measurement with attachable TC probe

#### 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

testo 830-T3, IR temperature measuring instrument with close focus optics, incl. 2 point laser sighting, adjustable limit values and alarm function, contact temperature probe attachable, incl. battery

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

Ordering data	Part no.
<b>Accessories for testo 830-T1/-T2/-T3</b>	
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
<b>Accessories for testo 830-T2/-T3 only</b>	
Waterproof immersion/penetration probe, TC Type K	0602 1293
Fast-action surface probe with sprung thermocouple strip, also for uneven surfaces, measurement range short-term to +500°C, TC Type K	0602 0393
Robust air probe, T/C Type K	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



830-T2, 2 point laser sighting (real measurement point)



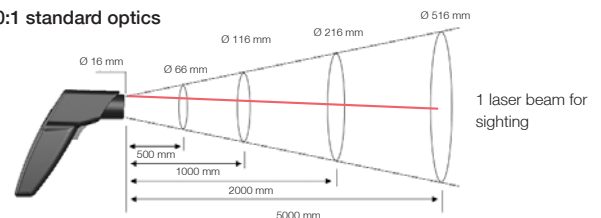
830-T2/-T3, possibility of connecting an external probe

For fast measurement of surface temperatures

Technical data	Infrared thermometer	Contact measurement (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	

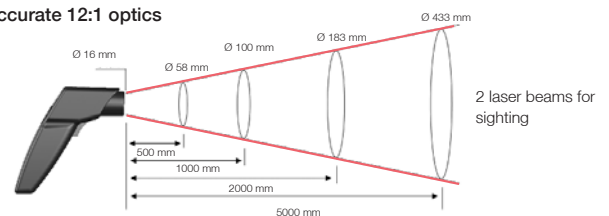
#### testo 830-T1, 1 point laser sighting

##### 10:1 standard optics



#### testo 830-T2, 2 point laser sighting

##### Accurate 12:1 optics



#### testo 830-T3, close focus optics incl. 2 point laser sighting

