

testo 810
Air temperature and infrared surface temperature in one instrument

testo 810 allows the measurement of air temperature and simultaneous non-contact surface temperature measurement in one instrument

testo 810; 2-channel temperature measuring instrument with infrared thermometer with laser spot marking and integrated NTC air thermometer, incl. protective cap, batteries and calibration protocol

Part no.
0560 0810

- Infrared measurement with 1-point laser spot marking and 6:1 optics
- Display of difference between air and surface temperature
- Hold function and min./max. values
- Emissivity adjustable
- Display illumination
- Protective cap for safe storage
- Incl. wrist strap and belt holder
- Incl. calibration protocol



Technical data		
Probe type	Infrared	NTC
Meas. range	-30 to +300 °C	-10 to +50 °C
Accuracy	±2.0 °C (-30 to +100 °C) ±1 digit ±2% of mv (remaining range)	±0.5 °C
Measurement rate	0.5 s	0.5 s
Resolution	0.1 °C	0.1 °C
Distance to measurement spot	6:1	
Meas. spot marking	1-point laser	Oper. temp. -10 to +50 °C
Emissivity	Adjustable 0.2 to 0.99	Battery type 2 batteries Type AAA
Spectral range	8 to 14 µm	Battery life 50 h (average, without display illumination)
		Dimensions 119 x 46 x 25 mm (incl. protective cap)
		Weight 90 g (incl. battery and protective cap)

Accessories	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
ISO calibration certificate/temperature, Infrared thermometers, calibration points -18°C, 0°C, +60°C	0520 0401
ISO calibration certificate/temperature, infrared thermometer; calibration points +60°C; +120°C; +180°C	0520 0002
ISO calibration certificate/temperature; for air/immersion probes, calibration points -8°C; 0°C; +40°C	0520 0181

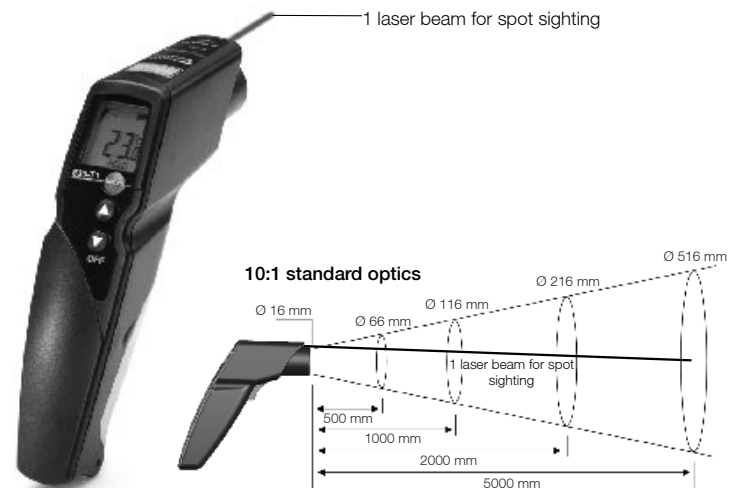
testo 830-T1
Fast infrared thermometer with laser sighting (10:1 optics)

The fast and universal infrared thermometer with 1-point laser sighting and 10:1 optics in ergonomic "pistol design"

testo 830-T1, Infrared thermometer with 1 point laser sighting, adjustable limit values and alarm function

Part no.
0560 8301

- Display of current value and Hold value
- Fast readings
- Laser sighting
- Adjustable alarm limits
- Audible and visual alarm if limits are exceeded
- User-friendly thanks to "Pistol design"
- Backlit display
- Adjustable emission factor (0.2 to 1.0)



Technical data		
Probe type	Infrared	Distance to measurement spot 10:1
Spectral range	8 to 14 µm	Meas. spot marking 1-point laser
Meas. range	-30 to +400 °C	Emissivity Adjustable 0.2 to 1.0
Accuracy	±1.5 °C or 1.5 % of mv (+0.1 to +400 °C) ±1 digit ±2 °C or ±2 % of mv (-30 to 0 °C) The larger value applies	Oper. temp. -20 to +50 °C
Measurement rate	0.5 s	Storage temp. -40 to +70 °C
Resolution	0.5 °C	Battery type 9V block battery
		Battery life 15 h
		Material/Housing ABS
		Dimensions 190 x 75 x 38 mm
		Weight 200 g

Accessories	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
ISO calibration certificate/temperature, infrared thermometer; calibration points +60°C; +120°C; +180°C	0520 0002