



Infrared thermometer with laser sighting

3 point laser
Measuring optics 60:1
HOLD/MAX/MIN
-30 to +900°C



The testo 860-T1 measures a temperature range from -30 to +900°C quickly and without contact. The new laser sighting defines the area being measured so you always know exactly where you are measuring.

The 60:1 focus optics ratio makes accurate long distance measurements possible. The display automatically charts the last ten temperature points using maximum and minimum values to establish the range.



Objects for which long measuring distances are required

- **Laser sighting indicates exact spot being measured**
- **Easy-to-read display**
- **Freely adjustable emissivity 0.10 to 1.00**
- **Alarm function, audible and visual**

testo 860-T1

With standard focus (60:1)

testo 860-T1, infrared thermometer with standard focus, incl. transport case and batteries

Part no. 0560 8601



Materials table (preset emissivities)

Ordering data for Accessories

	Part no.
Adhesive tape e.g. for polished surfaces (roll, 10 m long, 25 mm wide) E = 0.93, temperature resistant up to +300°C	0554 0051
ISO calibration certificate/Temperature Infrared thermometer; calibration points +60°C; +120°C; +180°C	0520 0002
ISO calibration certificate/Temperature Infrared thermometers, calibration points -18°C, 0°C, +60°C	0520 0401
ISO calibration certificate/Temperature Infrared thermometers, calibration points -18°C, 0°C	0520 0451
ISO calibration certificate/Temperature Infrared thermometers, calibration points 0°C, +60°C	0520 0452
ISO calibration certificate/Temperature Infrared thermometers, calibration points -18°C, +60°C	0520 0453
ISO calibration certificate/Temperature Infrared thermometers, calibration point -18°C	0520 0471
ISO calibration certificate/Temperature Infrared thermometers, calibration point +60°C	0520 0473

Features

	860-T1	860-T2	860-T3
Standard focus	X	X	
Close focus			X
Graphics display	X	X	X
MAX, MIN	X	X	X
Mean calculation/Differential value		X	X
LO alarm, audible and visible		X	X
HI alarm, audible and visible	X	X	X
Laser spot (Laser Class 2)	X	X	X
Emissivity, adjustable	X	X	X
Materials table (preset emissivities)		X	X
Internal data memory (100 pos.) with location		X	X
Data outlet: RS 232 or 1 mV per °C		X	X
Mains connection	X	X	
Attachable contact probe		X	X

Technical data

Meas. range	-30... +900 °C	Measuring method	Infrared
Accuracy	±0.75% of mv (+75... +900 °C) ±1 digit ±0.75 °C (-4.9... +74.9 °C) ±2 °C (-30... -5 °C)	Reaction time	0.25 s
Resolution	0.1 °C (-30... +900 °C)	Display	LCD graphics display
Reproducibility: ±0.5% of reading or ±1°C, the larger value applies Spectral sensitivity: 8 to 14 µm		Material/Housing	ABS
		Oper. temp.	0... +45 °C
		Storage temp.	-20... +50 °C
		Battery type	2 AAA micro batteries
		Battery life	10 h
		Oper. humidity	+10... +95 %RH
		Dimensions	200x170x50 mm
		Weight	480 g
		Warranty	2 years

Spot size and distance from object being measured

