

Air temperature and infrared surface temperature in one instrument

testo 810

testo 810 facilitates air temperature and simultaneously non-contact surface temperature measurement using one instrument. For instance, the surface temperature of a radiator can be easily compared to the air temperature in the room.

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



Automatic display of differential pressure



Safe storage and transport with protective cap, wrist strap and belt holder



Checking the surface temperature of a radiator with simultaneous measurement of ambient temperature

testo 810

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

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
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 air temperature, calibration points -8 °C; 0 °C; +40 °C	0520 0171

Technical data		
Probe type	Infrared	NTC
Meas. range	-30 to +300 °C	-10 to +50 °C
Accuracy ±1 digit	±2.0 °C (-30 to +100 °C) ±2% of mv (remaining range)	±0.5 °C
Resolution	0.1 °C	0.1 °C
Distance to measurement spot	6:1	
Meas. spot marking	1-point laser	
Spectral range	8 to 14 µm	
Oper. temp.	-10 to +50 °C	
Battery type	2 batteries Type AAA	
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)	

