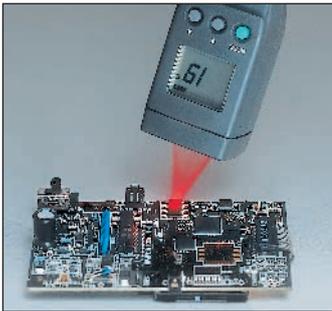


Infrared thermometer with mini spot



Measurements on electronic components

The compact infrared thermometer testo 850-1 with optical LED sighting is suitable for measurements on electronic components, for example.

- Small LED spot, Ø 2.5mm at distance of 30mm

- **for sighting objects at short distances**
- **Freely adjustable emissivity from 0.10 to 1.00**
- **Alarm function, audible and optical**

Ordering data for Accessories

Adhesive tape e.g. for polished surfaces (roll, 10 m long, 25 mm wide)

E = 0.93, temperature resistant up to +300°C

Part no. 0554 0051

Rech. batt. set for instr. (4 x 1.24V) instead of batteries

Part no. 0515 0088

Recharger for external recharging of batteries

Part no. 0554 0114

ISO calibration certificate/Temperature

Infrared thermometer; calibration points +60°C; +120°C; +180°C

Part no. 0520 0002

Technical data

Meas. range -50... +500 °C
 Accuracy ±1% of mv (+200... +400 °C)
 ± 1 digit ±2 °C (0... +199 °C)
 ±(2 °C ±10% of mv) (-30... -1 °C)

Resolution 1 °C (-50... +500 °C)

Oper. temp. 0... +40 °C

Storage temp. -20... +70 °C

Battery type 4 AAA micro batteries

Battery life 100 h

Weight 140 g

Warranty 2 years

LED sighting. Spot/distance: diameter of 2.5mm at distance of 30mm. Emissivity setting: 0.10 to 1.00. Response time less than 1.5 s. Accuracy, typical: ±1°C (-30 to +199°C); ±1% (+200 to +500°C).



LED spot
 Measuring optics 12:1
 HOLD/MAX/MIN
 -50 to +500°C

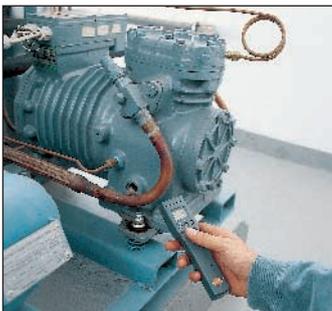
testo 850-1

With mini spot

testo 850-1, infrared thermometer, with LED sighting, case and battery

Part no. 0560 8501

Infrared thermometer with teleoptics



Checks on compressors, engines and bearings

The compact testo 850-2 infrared thermometer has an optical laser sighting with 2 laser beams for large distances from the object being measured.

- Laser spot - Diameter of 72mm at distance of 1000mm

- **Small sighting circle even at large distance from object**
- **Freely adjustable emissivity from 0.10 to 1.00**
- **Alarm function, audible and optical**

Ordering data for Accessories

Adhesive tape e.g. for polished surfaces (roll, 10 m long, 25 mm wide)

E = 0.93, temperature resistant up to +300°C

Part no. 0554 0051

Rech. batt. set for instr. (4 x 1.24V) instead of batteries

Part no. 0515 0088

Recharger for external recharging of batteries

Part no. 0554 0114

ISO calibration certificate/Temperature

Infrared thermometer; calibration points +60°C; +120°C; +180°C

Part no. 0520 0002

Technical data

Meas. range -50... +500 °C
 Accuracy ±1% of mv (+200... +400 °C)
 ± 1 digit ±2 °C (0... +199 °C)
 ±(2 °C ±10% of mv) (-30... -1 °C)

Resolution 1 °C (-50... +500 °C)

Oper. temp. 0... +40 °C

Storage temp. -20... +70 °C

Battery type 4 AAA micro batteries

Battery life 100 h

Weight 140 g

Warranty 2 years

Sighting with 2 laser beams. Meas. spot/Distance: 72mm diameter at a distance of 1000mm. Emissivity setting: 0.10 to 1.00. Response time less than 1.5 s. Accuracy, typical: ±1°C (-30 to +199°C); ±1% (+200 to +500°C).



2 point laser
 Measuring optics 12:1
 HOLD/MAX/MIN
 -50 to +500°C

testo 850-2

With 2 point laser

testo 850-2, infrared thermometer, with laser sighting, case and battery

Part no. 0560 8502