

We measure it.



Infrared temperature measuring instrument

testo 826



Non-contact measurement of surface temperature, ideally suitable for the food sector

6:1 optics for fast and accurate measurement

1-point laser measurement spot marking (T2/T4)

Combined instrument with infrared measurement and penetration measurement (T3/T4)

Two adjustable limit values

Waterproof and robust thanks to dishwasher-safe protective cover TopSafe, according to protection class IP65

testo 826-T1 and testo 826-T2 are thermometers for fast temperature checks on foodstuffs. They measure the surface temperature by infrared, without damaging the medium by puncturing. The testo 826-T2 additionally has a laser measurement spot marker.

testo 826-T3 and testo 826-T4 combine the properties of a core temperature thermometer with those of an infrared thermometer. They have not only laser measurement technology, but also a penetration probe. testo 826-T4

additionally offers laser measurement spot marking. In all four versions of the testo 826 series, you as the user can store limit values in the instrument; as soon as these upper and lower limit values are violated, an optical warning signal appears.

The dishwasher-safe TopSafe protects the instrument from dirt, water and impact. The measuring instruments conform to HACCP as well as EN 13485.

Technical data

testo 826-T1

testo 826-T1, infrared thermometer, incl. TopSafe and wall/belt holder



Part no. 0563 8261

Sensor type Infrared

| | |
|----------------------|---|
| Meas. range | -50 to +300 °C |
| Accuracy ±1 digit | ±1.5 °C (-20 to +100 °C) ±2 °C or 2% of mv (remaining range) |
| Resolution | 0.5 °C |

General technical data

| | |
|------------------------------|------------------------------|
| Spectral range | 8 to 14 µm |
| Measurement rate | 0,5 s |
| Distance to measurement spot | 6:1 |
| Emissivity | 0.95 to 1 |
| Oper. temp. | 0 to +50 °C |
| Storage temp. | -40 to +70 °C |
| Battery type | 2 lithium batteries (CR2032) |
| Battery life | Approx. 150 h |
| Dimensions | 148 x 34.4 x 19 mm |
| Display | LCD, 1 line |
| Weight | 80 g |
| Warranty | 2 years |

testo 826-T2

testo 826-T2, infrared thermometer with 1 point laser sighting, alarm function, incl. TopSafe and wall/belt holder



Part no. 0563 8262

Sensor type Infrared

| | |
|----------------------|---|
| Meas. range | -50 to +300 °C |
| Accuracy ±1 digit | ±1.5 °C (-20 to +100 °C) ±2 °C or 2% of mv (remaining range) |
| Resolution | 0.5 °C |

General technical data

| | |
|------------------------------|-----------------------|
| Spectral range | 8 to 14 µm |
| Measurement rate | 0,5 s |
| Distance to measurement spot | 6:1 |
| Emissivity | 0.95 to 1 |
| Meas. spot marking | 1-point laser |
| Oper. temp. | -20 to +50 °C |
| Storage temp. | -40 to +70 °C |
| Battery type | 2 AAA micro batteries |
| Battery life | Approx. 20 h |
| Dimensions | 148 x 34.4 x 19 mm |
| Display | LCD, 1 line |
| Weight | 80 g |
| Warranty | 2 years |

Technical data

testo 826-T3

testo 826-T3, infrared thermometer with penetration probe, incl. TopSafe, wall/belt holder, probe protection cap and frozen food drill

Part no. 0563 8263



General technical data

| | |
|------------------------------|------------------------------|
| Distance to measurement spot | 6:1 |
| Emissivity | 0.95 to 1 |
| Oper. temp. | 0 to +50 °C |
| Storage temp. | -40 to +70 °C |
| Battery type | 2 lithium batteries (CR2032) |
| Battery life | Approx. 100 h |
| Dimensions | 148 x 34.4 x 19 |
| Display | LCD, 1 line |
| Weight | 80 g |
| Warranty | 2 years |

Sensor types

| | Infrared | NTC |
|----------------------|---|--|
| Meas. range | -50 to +300 °C | -50 to +230 °C |
| Accuracy ±1 digit | ±1.5 °C (-20 to +100 °C) ±2 °C or 2% of mv (remaining range) | ±0.5 °C (-20 to +99.9 °C) ±1 °C or 1% of mv (remaining range) |
| Resolution | 0.5 °C | 0.1 °C |
| Spectral range | 8 to 14 µm | |
| Measurement rate | 0,5 s | 1,25 s |

testo 826-T4

testo 826-T4, infrared thermometer with penetration probe, 1 point laser sighting, alarm function, incl. TopSafe, wall/belt holder, probe protection cap and frozen food drill

Part no. 0563 8264



General technical data

| | |
|------------------------------|-----------------------|
| Distance to measurement spot | 6:1 |
| Emissivity | 0.95 to 1 |
| Meas. spot marking | 1-point laser |
| Oper. temp. | -20 to +50 °C |
| Storage temp. | -40 to +70 °C |
| Battery type | 2 AAA micro batteries |
| Battery life | Approx. 15 h |
| Dimensions | 148 x 34.4 x 19 mm |
| Display | LCD, 1 line |
| Weight | 80 g |
| Warranty | 2 years |

Sensor types

| | Infrared | NTC |
|----------------------|---|--|
| Meas. range | -50 to +300 °C | -50 to +230 °C |
| Accuracy ±1 digit | ±1.5 °C (-20 to +100 °C) ±2 °C or 2% of mv (remaining range) | ±0.5 °C (-20 to +99.9 °C) ±1 °C or 1% of mv (remaining range) |
| Resolution | 0.5 °C | 0.1 °C |
| Spectral range | 8 to 14 µm | |
| Measurement rate | 0,5 s | 1,25 s |

Accessories

| Accessories for measuring instrument testo 826-T1 + testo 826-T2 + testo 826-T3 + testo 826-T4 | Part no. | |
|---|-----------------|--|
| ISO calibration certificate/temperature for air/immersion probes, calibration point -18°C | 0520 0061 | |
| ISO calibration certificate/temperature for air/immersion probes, calibration point 0°C | 0520 0062 | |
| ISO calibration certificate/temperature For air/immersion probes, calibration points -18°C; +60°C | 0520 0043 | |
| ISO calibration certificate/temperature for air/immersion probes, calibration points -18°C; 0°C; +60°C | 0520 0001 | |
| ISO calibration certificate/temperature Infrared thermometers, calibration points -18°C, 0°C, +60°C | 0520 0401 | |
| ISO calibration certificate temperature Infrared thermometers, calibration points 0°C, +60°C | 0520 0452 | |

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