



testo 720

## Precise Temperature Measurement

Large selection of Pt100 and NTC probes

NEW!

°C



## testo 720

Testo 720 is the single channel measuring instrument for demanding measurements in laboratories and in industry. Air, immersion and surface probes in a measurement range from -100 to +800 °C can be attached to the thermometer for different measuring tasks.

In combination with the indestructible TopSafe, the testo 720 is resistant against corrosive media. The glass-coated probe has proved its worth in day-to-day use in the laboratory, as it too is resistant against corrosive media.

An acoustic alarm sounds when limit values are exceeded. Current measurement data, as well as min/max data can be printed out on location using the Testo report printer.

testo 720, 1 channel temperature measuring instrument Pt100/NTC, with battery and calibration protocol

Part no.  
**0560 7207**

## Precise Temperature Measurement

- On site printout on Testo printer
- Continuous display of max/min values
- Hold button to freeze readings
- Display light
- Audible alarm (adjustable limit values)
- Resistant to corrosive media with TopSafe




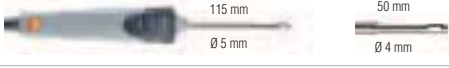
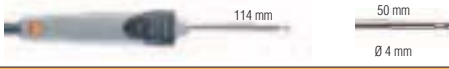




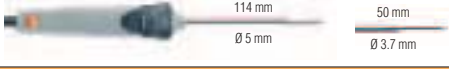


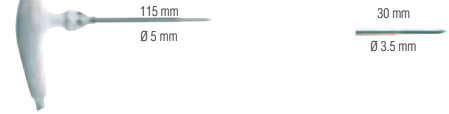

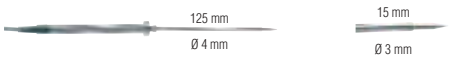
Precise temperature measurement in industry and laboratories with measurement data printing on location



Glass probes, the durable alternative

| Accessories   | Part no.  |
|---|-----------|
| Testo printer with wireless IRDA and infrared interface, 1 roll of thermal paper and 4 round cell batteries | 0554 0547 |
| Spare thermal paper for printer (6 rolls)   | 0554 0568 |
| Measurement data documentation legible for up to 10 years   |           |
| 9V rech. battery for instrument   | 0515 0025 |
| Instead of battery  |           |
| Recharger for 9V rechargeable battery   | 0554 0025 |
| For external recharging of 0515 0025 battery  |           |
| TopSafe, protects from impact and dirt  | 0516 0221 |
| Case for measuring instrument and probes  | 0516 0210 |
| Transport case for measuring instrument and probes  | 0516 0201 |
| Transport case for measuring instrument, 3 probes and accessories   | 0516 0200 |
| Silicone heat paste (14g), Tmax = +260°C  | 0554 0004 |
| Improves heat transfer in surface probes  |           |
| ISO calibration certificate/Temperature   | 0520 0001 |
| For air/immersion probes, calibration points -18°C; 0°C; +60°C  |           |
| ISO calibration certificate/Temperature   | 0520 0021 |
| Meas. instr. with air/immersion probe; cal. points 0°C; +150°C; +300°C                                      |           |
| ISO calibration certificate/Temperature   | 0520 0031 |
| Measuring instruments with air/immersion probe; calibration points 0°C; +300°C; +600°C                      |           |
| DKD calibration certificate/Temperature   | 0520 0211 |
| Meas. instr. with air/immersion probe; calibration points -20°C; 0°C; +60°C                                 |           |
| ISO calibration certificate/Temperature   | 0520 0071 |
| Meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C                                   |           |
| DKD calibration certificate/Temperature   | 0520 0271 |
| Contact surface temperature probes; calibration points +100°C; +200°C; +300°C                               |           |

| Technical data       |  |   |
|----------------------|--|---|
| Probe type           | Pt100  | NTC   |
| Meas. range          | -100 to +800 °C  | -50 to +150 °C  |
| Accuracy<br>±1 digit | ±0.2% of mv (+200 to +800 °C)<br>±0.2 °C (remaining range) | ±0.2 °C (-25 to +40 °C)<br>±0.3 °C (+40.1 to +80 °C)<br>±0.4 °C (+80.1 to +125 °C)<br>±0.5 °C (remaining range) |
| Resolution           | 0.1 °C   | 0.1 °C  |
| Oper. temp.          | -20 to +50 °C  |   |
| Storage temp.        | -30 to +70 °C  |   |
| Battery type         | 9V block battery, 6F22                                     |   |
| Battery life         | 100 h  |   |
| Dimensions           | 182 x 64 x 40 mm   |   |
| Weight               | 171 g  |   |
| Material/Housing     | ABS  |   |
| Warranty             | 2 years  |   |

| Laboratory probes  | Illustration  | Meas. range                                    | Accuracy  | t <sub>99</sub> | Part no.  |
|--|---|--|---|-----------------|-----------|
| Laboratory probe, glass-coated, exchangeable glass pipe, resistant to corrosive substances |    | -50 to +400 °C                                 | Class A   | 45 s<br>12 s*   | 0609 7072 |
| Glass shaft for immersion/penetration probe to protect from corrosive agents               |   |  |   |                 | 0554 7072 |
| * Without protective glass   |   |  |   |                 |           |
| Air probes   | Illustration  | Meas. range                                    | Accuracy  | t <sub>99</sub> | Part no.  |
| Efficient, robust NTC air probe  |    | -50 to +150 °C                                 | ±0.5% of mv (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 60 s            | 0613 1712 |
| Efficient, robust air probe, Pt100   |    | -50 to +400 °C                                 | Class A   | 70 s            | 0609 1773 |
| Surface probes   | Illustration  | Meas. range                                    | Accuracy  | t <sub>99</sub> | Part no.  |
| Waterproof NTC surface probe for flat surfaces   |    | -50 to +150 °C                                 | ±0.5% of mv (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 35 s            | 0613 1912 |
| Pipe wrap probe with Velcro for pipe diameter to max. 75 mm, Tmax. +75°C, NTC              |    | -50 to +70 °C                                  | ±0.2 °C (-25 to +70 °C)<br>±0.4 °C (-50 to -25.1 °C)                                    | 60 s            | 0613 4611 |
| Robust, waterproof surface temperature probe, Pt100  |    | -50 to +400 °C                                 | Class B   | 40 s            | 0609 1973 |
| Immersion/penetration probes   | Illustration  | Meas. range                                    | Accuracy  | t <sub>99</sub> | Part no.  |
| Waterproof NTC immersion/penetration probe   |    | -50 to +150 °C                                 | ±0.5% of mv (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 10 s            | 0613 1212 |
| Robust, waterproof Pt100 immersion/penetration probe                                       |   | -50 to +400 °C                                 | Class A   | 12 s            | 0609 1273 |
| Food probes  | Illustration  | Meas. range                                    | Accuracy  | t <sub>99</sub> | Part no.  |
| Stainless steel NTC food probe (IP65) with PUR cable                                       |  | -50 to +150 °C <sup>2)</sup><br>-25 to +120 °C | ±0.5% of mv (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 8 s             | 0613 2211 |
| Stainless steel NTC food probe (IP67) with Teflon cable to +250°C                          |  | -50 to +150 °C                                 | ±0.5% of mv (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 8 s             | 0613 3311 |
| Robust NTC food penetration probe with special handle, reinforced PUR cable                |  | -50 to +150 °C <sup>2)</sup>                   | ±0.5% of mv (+100 to +150 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 7 s             | 0613 2411 |
| Frozen food probe NTC, corkscrew design  |  | -50 to +140 °C <sup>2)</sup>                   | ±0.5% of mv (+100 to +140 °C)<br>±0.2 °C (-25 to +74.9 °C)<br>±0.4 °C (remaining range) | 20 s            | 0613 3211 |
| Robust, Pt100 stainless steel food probe (IP65)  |  | -50 to +400 °C                                 | Class A   | 10 s            | 0609 2272 |

1) The measuring instrument inside TopSafe is waterproof with this probe.

2) Long-term measurement range +125°C, short-term +150°C or +140°C (2 minutes)

