



testo 922 / testo 925

Fast Temperature Measurement with Broad Measurement Range

Flexible application: Temperature probe, with cable or wireless

NEW!

°C



testo 922

The differential thermometer records temperature values from 2 connected thermocouple probes and displays them simultaneously. The reading from an additional temperature probe can also be wirelessly displayed in the testo 922 measuring instrument; i.e. measurement data is transmitted by radio.

Differential temperature can be called up immediately. An audible alarm sounds if limit values are exceeded. Current measurement data such as max/min data can be printed on the Testo printer on site. It is possible to print measurement data once a minute, for example, on the printer if cyclical printing is in operation.

testo 922, 2 channel temperature measuring instrument T/C Type K, connection of an optional radio probe, with battery and calibration protocol

Part no.
0560 9221

testo 925

The one channel temperature measuring instrument for connection to fast-action and reliable thermocouple probes. An additional temperature probe can be displayed in testo 925; data is transmitted by radio, i.e. wirelessly. An audible alarm sounds if limit values are exceeded. Current measurement data such as max/min data can be printed on site on the Testo printer.

testo 925, 1 channel temperature measuring instrument T/C Type K, audible alarm, connection of an optional radio probe, with battery and calibration protocol

Part no.
0560 9250

Advantages testo 922

- 2 channel measuring instrument with optional radio probe
- Displays differential temperature
- Cyclical printing of readings, e.g. once a minute

Advantages testo 925

- 1 channel measuring instrument with optional radio probe
- Audible alarm sounds if limit value is exceeded

Joint Advantages testo 922, 925

- On site printout on Testo printer
- Continuous display of max/min values
- Hold button to freeze reading
- TopSafe, indestructible case, protects from dirt and impact (optional)
- Display light

Technical data

| | | | |
|----------------------|-----------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Probe type | Type K (NiCr-Ni) | Battery type | 9V block battery, 6F22 |
| Meas. range | -50 to +1000 °C | Battery life | 200 h (connected probe, backlight off) 45 h (radio mode, backlight off) 68 h (connected probe, backlight always on) 33 h (radio mode, backlight always on) |
| Accuracy ±1 digit | ±(0.5 °C +0.3% of mv) (-40 to +900 °C) ±(0.7 °C +0.5% of mv) (remaining range) | Dimensions | 182 x 64 x 40 mm |
| Resolution | 0.1 °C (-50 to +199.9 °C) 1 °C (remaining range) | Weight | 171 g |
| Oper. temp. | -20 to +50 °C | Warranty | 2 years |
| Storage temp. | -40 to +70 °C | | |
| Material/Housing | ABS | | |

Fast Temperature Measurement with Broad Measurement Range



Temperature measurement in semi-solid materials with the superfast penetration probe, ideal for plastics, foodstuffs etc.



Simultaneous measurement of overheating and undercooling in refrigeration systems with testo 922

| 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) Measurement data documentation legible for up to 10 years | 0554 0568 |
| Transport case for measuring instrument, 3 probes and accessories | 0516 0200 |
| Transport case for measuring instrument and probes | 0516 0201 |
| Case for measuring instrument and probes | 0516 0210 |
| Recharger for 9V rechargeable battery For external recharging of 0515 0025 battery | 0554 0025 |
| 9V rech. battery for instrument Instead of battery | 0515 0025 |
| Handle for attachable measurement tips (0602 5792/0644/0645/0646) | 0409 1092 |
| Extension cable, 5m, for thermocouple probe Type K | 0554 0592 |
| Silicone heat paste (14g), Tmax = +260°C Improves heat transfer in surface probes | 0554 0004 |
| TopSafe, protects from impact and dirt (testo 922) | 0516 0222 |
| TopSafe, protects from impact and dirt (testo 925) | 0516 0221 |
| ISO calibration certificate/Temperature For air/immersion probes, calibration points -18°C; 0°C; +60°C | 0520 0001 |
| ISO calibration certificate/Temperature Meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C | 0520 0071 |
| ISO calibration certificate/Temperature Measuring instruments with air/immersion probe; calibration points 0°C; +300°C; +600°C | 0520 0031 |
| DKD calibration certificate/Temperature Meas. instr. with air/immersion probe; calibration points -20°C; 0°C; +60°C | 0520 0211 |
| DKD calibration certificate/Temperature Contact surface temperature probes; calibration points +100°C; +200°C; +300°C | 0520 0271 |

| Air probes | Illustration | Meas. range | Accuracy | t ₉₉ | Part no. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|----------|-----------------|-----------|
| <ul style="list-style-type: none"> Robust air probe, T/C Type K | <p>115 mm Ø 4 mm</p> | -60 to +400 °C | Class 2 | 25 s | 0602 1793 |
| Surface probes | Illustration | Meas. range | Accuracy | t ₉₉ | Part no. |
| <ul style="list-style-type: none"> Fast-action surface probe with sprung thermocouple strip, also for uneven surfaces, measurement range short-term to +500°C, T/C Type K | <p>115 mm Ø 5 mm</p> | -60 to +300 °C | Class 2 | 3 s | 0602 0393 |
| <ul style="list-style-type: none"> Waterproof surface probe with widened measurement tip for flat surfaces, T/C Type K | <p>115 mm Ø 5 mm</p> | -60 to +400 °C | Class 2 | 30 s | 0602 1993 |
| <ul style="list-style-type: none"> Fast-action surface probe with sprung thermocouple strip, bent, also for uneven surfaces, measurement range short-term to +500°C, T/C Type K | <p>80 mm Ø 5 mm</p> | -60 to +300 °C | Class 2 | 3 s | 0602 0993 |
| <ul style="list-style-type: none"> Efficient, waterproof surface probe with small measurement head for flat surfaces, T/C Type K | <p>150 mm Ø 2.5 mm</p> | -60 to +1000 °C | Class 1 | 20 s | 0602 0693 |
| <ul style="list-style-type: none"> Flat head surface probe with telescopic handle max. 600 mm for measurements at hard-to-access points, T/C Type K | <p>660 mm 12 mm Ø 25 mm</p> | -50 to +250 °C | Class 2 | 3 s | 0602 2394 |
| <ul style="list-style-type: none"> Magnetic probe, adhesive force approx. 20 N, with magnets, for measurements on metal surfaces | <p>35 mm Ø 20 mm</p> | -50 to +170 °C | Class 2 | | 0602 4792 |
| <ul style="list-style-type: none"> Magnetic probe, adhesive force approx. 10 N, with magnets, for higher temp., for measurements on metal surfaces | <p>75 mm Ø 21 mm</p> | -50 to +400 °C | Class 2 | | 0602 4892 |
| <ul style="list-style-type: none"> Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter up to max. 120 mm, T_{max} +120°C | <p>395 mm 20 mm</p> | -50 to +120 °C | Class 1 | 90 s | 0628 0020 |
| <ul style="list-style-type: none"> Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Measurement range short-term to +280°C, T/C Type K | | -60 to +130 °C | Class 2 | 5 s | 0602 4592 |
| <ul style="list-style-type: none"> Spare meas. head for pipe wrap probe | <p>35 mm 15 mm</p> | -60 to +130 °C | Class 2 | 5 s | 0602 0092 |
| <ul style="list-style-type: none"> Clamp probe for measurements on pipes, pipe diameter 15 to 25 mm (max. 1"), meas. range short-term up to +130°C | | -50 to +100 °C | Class 2 | 5 s | 0602 4692 |
| Immersion/penetr. probes | Illustration | Meas. range | Accuracy | t ₉₉ | Part no. |
| <ul style="list-style-type: none"> Efficient and fast-action immersion probe, waterproof, T/C Type K | <p>Ø 1.5 mm 300 mm</p> | -60 to +1000 °C | Class 1 | 2 s | 0602 0593 |
| <ul style="list-style-type: none"> Super-quick, waterproof immersion/penetration probe, T/C Type K | <p>60 mm Ø 5 mm</p> | -60 to +800 °C | Class 1 | 3 s | 0602 2693 |
| <ul style="list-style-type: none"> Immersion tip, flexible | <p>Ø 1.5 mm 500 mm</p> | -200 to +1000 °C | Class 1 | 5 s | 0602 5792 |
| <ul style="list-style-type: none"> Waterproof immersion/penetration probe, T/C Type K | <p>114 mm Ø 5 mm</p> | -60 to +400 °C | Class 2 | 7 s | 0602 1293 |
| Thermocouples | Illustration | Meas. range | Accuracy | t ₉₉ | Part no. |
| <ul style="list-style-type: none"> Thermocouple with T/C adapter, flexible, 800mm long, fibre glass, T/C Type K | <p>800 mm Ø 1.5 mm</p> | -50 to +400 °C | Class 2 | 5 s | 0602 0644 |
| <ul style="list-style-type: none"> Thermocouple with T/C adapter, flexible, 1500mm long, fibre glass, T/C Type K | <p>1500 mm Ø 1.5 mm</p> | -50 to +400 °C | Class 2 | 5 s | 0602 0645 |
| <ul style="list-style-type: none"> Thermocouple with T/C adapter, flexible, 1500mm long, Teflon, T/C Type K | <p>1500 mm Ø 1.5 mm</p> | -50 to +250 °C | Class 2 | 5 s | 0602 0646 |
| Food probes | Illustration | Meas. range | Accuracy | t ₉₉ | Part no. |
| <ul style="list-style-type: none"> Waterproof food probe made of stainless steel (IP65), T/C Type K | <p>125 mm Ø 4 mm</p> | -60 to +400 °C | Class 2 | 7 s | 0602 2292 |
| <ul style="list-style-type: none"> Robust food probe with special handle, IP 65, reinforced cable (PUR), T/C Type K | <p>115 mm Ø 5 mm</p> | -60 to +400 °C | Class 1 | 6 s | 0602 2492 |
| <ul style="list-style-type: none"> Frozen food probe, corkscrew design, T/C Type K | <p>110 mm Ø 8 mm</p> | -60 to +400 °C | Class 1 | 15 s | 0602 3292 |
| <ul style="list-style-type: none"> Waterproof robust immersion/penetration probe with metal protection hose T_{max} +230°C, e.g. for monitoring temp. in cooking oil, T/C Type K | <p>240 mm Ø 4 mm</p> | -50 to +230 °C | Class 1 | 15 s | 0628 1292 |


† The measuring instrument inside TopSafe is waterproof with this probe.




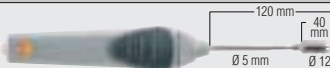
A Radio module for upgrading measuring instrument with radio option

| Country versions | Radio freq. | Part no. |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|
| Radio module for measuring instrument, 869.85 MHz, approval for the countries: DE, FR, GB, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR | 869.85 MHz FSK | 0554 0188 |
| Radio module for measuring instrument, 915.00 MHz FSK, approval for USA | 915.00 MHz FSK | 0554 0190 |

B Radio probes for immersion/penetration measurements

| Radio immersion/penetration probes | Meas. range | Accuracy | Resolution | t ₉₉ |
|---------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------|------------|------------------------------------|
| Radio immersion/penetration probe, NTC  | -50 to +275 °C | ±0.5 °C (-20 to +80 °C) ±0.8 °C (-50 to -20.1 °C) ±0.8 °C (+80.1 to +200 °C) ±1.5 °C (remaining range) | 0.1 °C | t ₉₉ (in water) 12 s |
| Country versions | Radio freq. | Part no. | | |
| Radio immersion/penetration probe, NTC, approval for the countries: DE, FR, GB, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR | 869.85 MHz FSK | 0613 1001 | | |
| Radio immersion/penetration probe, NTC, approval for USA | 915.00 MHz FSK | 0613 1002 | | |

C Assembled for you: Radio handles with probe head

| Radio handles with probe head for air and immersion/penetration meas. | Meas. range | Accuracy | Resolution | t ₉₉ |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------|
| Radio handle for attachable probe heads with T/C probe head for air and immersion/penetration measurement  | -50 to +350 °C Short-term to +500 °C | Radio handle: ±(0.5 °C +0.3% of mv) (-40 to +500 °C) ±(0.7 °C +0.5% of mv) (remaining range) T/C probe head: Class 2 | 0.1 °C (-50 to +199.9 °C) 1.0 °C (remaining range) | t ₉₉ (in water) 10 s |
| Country versions | Radio freq. | Part no. | | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, GB, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR | 869.85 MHz FSK | 0554 0189 | | |
| T/C probe head for air/immersion/penetration measurement, attachable to radio handle, T/C Type K | | 0602 0293 | | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA | 915.00 MHz FSK | 0554 0191 | | |
| T/C probe head for air/immersion/penetration measurement, attachable to radio handle, T/C Type K | | 0602 0293 | | |
| Radio handles with probe head for surface measurement | Meas. range | Accuracy | Resolution | t ₉₉ |
| Radio handle for attachable probe heads with T/C probe head for surface measurement  | -50 to +350 °C Short-term to +500 °C | Radio handle: ±(0.5 °C +0.3% of mv) (-40 to +500 °C) ±(0.7 °C +0.5% of mv) (remaining range) T/C probe head: Class 2 | 0.1 °C (-50 to +199.9 °C) 1.0 °C (remaining range) | 5 s |
| Country versions | Radio freq. | Part no. | | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, GB, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR | 869.85 MHz FSK | 0554 0189 | | |
| Radio immersion/penetration probes/RHT/C probe head for surface measurement, attachable to radio handle, T/C Type K | | 0602 0394 | | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA | 915.00 MHz FSK | 0554 0191 | | |
| T/C probe head for surface measurement, attachable to radio handle, T/C Type K | | 0602 0394 | | |

D Radio handles, separate

| Radio handles for attachable T/C probes | Meas. range | Accuracy | Resolution |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------|
| Radio handle for attachable probe heads incl. adapter for attaching T/C probes (Type K) | -50 to +1000 °C | ±(0.7 °C +0.3% of mv) (-40 to +900 °C) ±(0.9 °C +0.5% of mv) (remaining range) | 0.1 °C (-50 to +199.9 °C) 1.0 °C (remaining range) |
| Country versions | Radio freq. | Part no. | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, GB, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR | 869.85 MHz FSK | 0554 0189 | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA | 915.00 MHz FSK | 0554 0191 | |

| Radio probes: General technical data | | | |
|--------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| Battery type | Radio immersion/penetration probe, NTC 2 x 3V button cell (CR 2032) | Radio handle 2 AAA micro batteries | Measuring rate 0.5 s or 10 s, adjustable on handle |
| Battery life | 150 h (meas. rate 0.5 s) 2 months (meas. rate 10 s) | 215 h (meas. rate 0.5 s) 6 months (meas. rate 10 s) | Radio coverage Up to 20 m (without obstructions) |
| | | | Radio transmission Unidirectional |
| | | | Oper. temp. -20 to +50 °C |
| | | | Storage temp. -40 to +70 °C |