



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