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Precise Temperature Measurement

Large selection of Pt100 and NTC probes

NEW!

°C



testo 720

Precise Temperature Measurement

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.

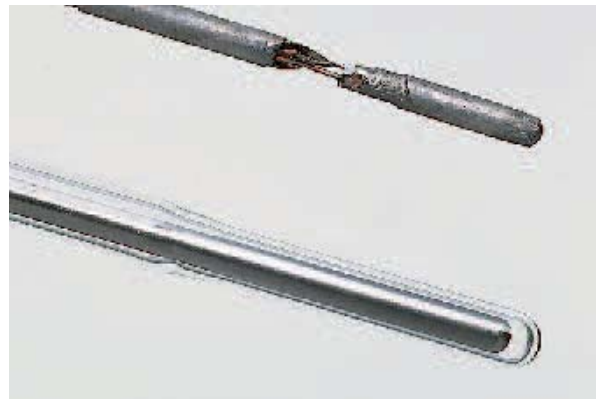
In combination with the indestructible TopSafe, the testo 720 is resistant against corrosive media. The glass-coated probe has proved its worth in day-to-day use in the laboratory, as it too is resistant against corrosive media.

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.

- 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










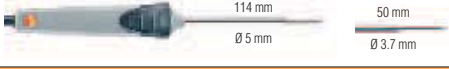


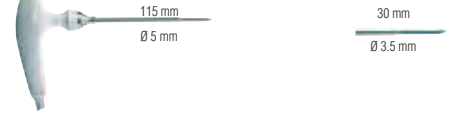

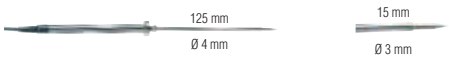
Glass probes, the durable alternative

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

Part no.
0560 7207

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
9V rech. battery for instrument Instead of battery	0515 0025
Recharger for 9V rechargeable battery For external recharging of 0515 0025 battery	0554 0025
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 Improves heat transfer in surface probes	0554 0004
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 air/immersion probe; cal. points 0°C; +150°C; +300°C	0520 0021
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
ISO calibration certificate/Temperature Meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071
DKD calibration certificate/Temperature Contact surface temperature probes; calibration points +100°C; +200°C; +300°C	0520 0271

Technical data	Pt100		NTC
	Meas. range	Accuracy ±1 digit	
Meas. range	-100 to +800 °C		-50 to +150 °C
Accuracy ±1 digit	±0.2% of mv (+200 to +800 °C) ±0.2 °C (remaining range)		±0.2 °C (-25 to +40 °C) ±0.3 °C (+40.1 to +80 °C) ±0.4 °C (+80.1 to +125 °C) ±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 ₉₉	Part no.
Laboratory probe, glass-coated, exchangeable glass pipe, resistant to corrosive substances		-50 to +400 °C	Class A	45 s 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 ₉₉	Part no.
Efficient, robust NTC air probe		-50 to +150 °C	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±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 ₉₉	Part no.
Waterproof NTC surface probe for flat surfaces		-50 to +150 °C	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±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) ±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 ₉₉	Part no.
Waterproof NTC immersion/penetration probe		-50 to +150 °C	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±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 ₉₉	Part no.
Stainless steel NTC food probe (IP65) with PUR cable		-50 to +150 °C ²⁾ -25 to +120 °C	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±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) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	8 s	0613 3311
Robust NTC food penetration probe with special handle, reinforced PUR cable		-50 to +150 °C ²⁾	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	7 s	0613 2411
Frozen food probe NTC, corkscrew design		-50 to +140 °C ²⁾	±0.5% of mv (+100 to +140 °C) ±0.2 °C (-25 to +74.9 °C) ±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)