

Temperature measuring instrument (1-channel)

testo 720

Ideally suitable for applications in laboratories and industry

Continuous display of min./max. values

Audible alarm (adjustable limit values)

Resistant to aggressive media with TopSafe

Hold-button for freezing measurement display

Large illuminated display

Measurement data printout on site with Testo fast printer



The testo 720 is a robust temperature measuring instrument for precise air, surface and immersion measurements in the measuring range from -100 to +800 °C. It is possible to connect Pt100 probes as well as NTC probes to the one-channel measuring instrument.

In combination with the TopSafe, the testo 720 is resistant to aggressive media – as is the glass-coated probe, which has proven its worth in daily laboratory work.

You, as the user, can store limit values in the instrument yourself; as soon as these upper or lower limits are violated, an audible alarm sounds. The instrument also continuously shows all minimum and maximum values in its large backlit display. Using the optional Testo report printer, the measurement results can be directly printed out on site as required.

Technical data / Accessories

testo 720

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

Part no. 0560 7207

£ 173.00



General technical data

Operating temperature	-20 to +50 °C
Storage temperature	-30 to +70 °C
Battery type	9V block battery
Battery life	70 h
Dimensions	182 x 64 x 40 mm
Weight	171 g
Housing material	ABS
Warranty	2 years

Sensor types

	Pt100	NTC
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

Accessories


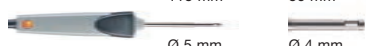
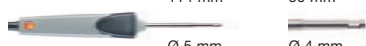
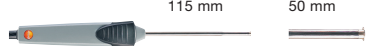
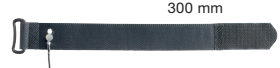
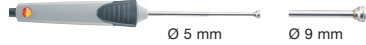
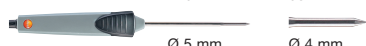
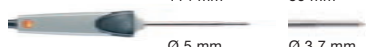
Part no.

£

Accessories for measuring instrument

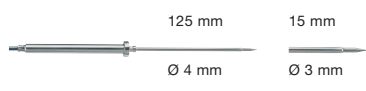
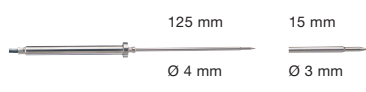

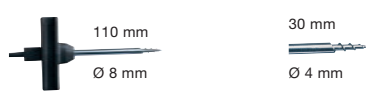
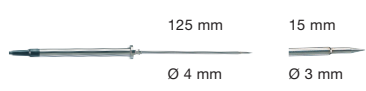
	Part no.	£
9V rech. battery for instrument, instead of battery	0515 0025	27.72
Recharger for 9V rechargeable battery for external recharging of 0515 0025 battery	0554 0025	28.04
Testo fast printer IRDA with wireless infrared interface; 1 roll thermal paper; 4 AA batteries	0554 0549	171.00
Spare thermal paper for printer (6 rolls), permanent ink	0554 0568	19.49
TopSafe, protects from impact and dirt (incl. 2 attachment magnets)	0516 0221	21.84
Case for measuring instrument and probes	0516 0210	23.98
Transport case for meas. instr. and probes (405 x 170 x 85 mm)	0516 0201	32.97
Transport case for measuring instrument, 3 probes and accessories (430 x 310 x 85 mm)	0516 0200	44.99
Silicone heat paste (14g), Tmax = +260°C improves heat transfer in surface probes	0554 0004	10.29
ISO calibration certificate/temperature for air/immersion probes, calibration points -18°C; 0°C; +60°C	0520 0001	122.37
ISO calibration certificate/temperature meas. instr. with air/immersion probe; cal. points 0°C; +150°C; +300°C	0520 0021	155.54
ISO calibration certificate/temperature meas. instr. with air/immersion probe; calibration points 0°C; +300°C; +600°C	0520 0031	155.54
DAkkS calibration certificate/temperature meas. instr. with air/immersion probe; calibration points -20 °C; 0 °C; +60 °C	0520 0211	562.73
ISO calibration certificate/temperature meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071	162.74
DAkkS calibration certificate/temperature contact surface temperature probes; calibration points +100°C; +200°C; +300°C	0520 0271	846.86

Probes

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Part no. £
Laboratory probes					
Laboratory probe Pt100, glass-coated, exchangeable glass pipe (Duran 50), resistant to corrosive substances, Fixed cable	 200 mm 30 mm Ø 6 mm Ø 5 mm	-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range) ¹⁾	45 s 12 s ¹⁾	0609 7072 117.00
Air probes					
◆ Efficient, robust NTC air probe, Fixed cable 1.2 m	 115 mm 50 mm Ø 5 mm Ø 4 mm	-50 to +125 °C	±0.2 °C (-25 to +80 °C) ±0.4 °C (remaining range)	60 s	0613 1712 59.06
◆ Efficient, robust air probe, Pt100, Fixed cable	 114 mm 50 mm Ø 5 mm Ø 4 mm	-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range) ¹⁾	70 s	0609 1773 79.59
Surface probes					
◆ Waterproof NTC surface probe for flat surfaces, Fixed cable 1.2 m	 115 mm 50 mm Ø 5 mm Ø 6 mm	-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 63.67
Pipe wrap probe with Velcro for pipe diameter to max. 75 mm, Tmax. +75 °C, NTC	 300 mm	-50 to +70 °C	±0.2 °C (-25 to +70 °C) ±0.4 °C (-50 to -25.1 °C)	60 s	0613 4611 78.33
◆ Robust, waterproof surface temperature probe, Pt100, Fixed cable	 114 mm 50 mm Ø 5 mm Ø 9 mm	-50 to +400 °C	Class B ¹⁾	40 s	0609 1973 94.48
Immers./penetr. probes					
◆ Waterproof NTC immersion/penetration probe, Fixed cable	 115 mm 50 mm Ø 5 mm Ø 4 mm	-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 53.18
◆ Robust, waterproof Pt100 immersion/penetration probe, Fixed cable	 114 mm 50 mm Ø 5 mm Ø 3.7 mm	-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range) ¹⁾	12 s	0609 1273 70.41

◆ The measuring instrument inside TopSafe is waterproof with this probe.
1) According to standard 60751, the accuracies of Class A and B refer to -200 to +600 °C (Pt100)

Probes

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Part no. £
Food probes					
<ul style="list-style-type: none"> Stainless steel NTC food probe (IP65) with PUR cable, Fixed 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)	8 s	0613 2211 93.98
<ul style="list-style-type: none"> Stainless steel NTC food probe (IP67) with PTFE cable to +250°C, Fixed cable 		-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 124.00
<ul style="list-style-type: none"> Robust NTC food penetration probe with special handle, reinforced PUR cable, Fixed cable 		-25 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 86.63
<ul style="list-style-type: none"> Frozen food probe NTC, corkscrew design (incl. plug-in wire), Plug-in cable 		-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 143.00
<ul style="list-style-type: none"> Robust, Pt100 stainless steel food probe (IP65), Fixed cable 		-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range) ¹⁾	10 s	0609 2272 152.00

- The measuring instrument inside TopSafe is waterproof with this probe.
- 1) According to standard 60751, the accuracies of Class A and B refer to -200 to +600 °C (Pt100)
- 2) Long-term measurement range +125 °C, short-term +150 °C or +140 °C (2 minutes)

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Subject to change without notice.
 All prices are net and valid until 31.12.2014.
 Shipping costs & VAT not included.



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