

testo 110

Multi-Purpose Highly Accurate Monitoring Thermometer

The highly accurate, versatile testo 110 temperature measuring instrument is ideal for applications in rough conditions on account of its protective case, TopSafe. The engineering used is specially designed for measurements in refrigerated store rooms, cabinets and for outdoors.

Minimum and maximum values are shown on a clear 2 line, backlit display or, if required, are printed on site on a Testo printer.

In addition to the wide range of standard handheld probes available (optional), a wireless radio probe can be used simultaneously.

- Wireless measurement with radio probes possible (optional)
- Measurement data printout on site on Testo printer (optional)
- TopSafe, the indestructible protective case (optional)
- Audible alarm (adjustable alarm limits)
- Minimum/maximum value memory
- Large backlit display
- Auto-Hold automatically recognises full-scale value



testo 110, 1 channel temperature measuring instrument NTC, audible alarm, connection to an optional radio probe, with battery and calibration protocol

Part no.
0560 1108

Air probes	Illustration	Meas. range	Accuracy	t99	Part no.
<ul style="list-style-type: none"> ● Efficient, robust NTC air probe 	<p>115 mm 50 mm Ø 5 mm Ø 4 mm Conn.: Fixed cable 1.2 m</p>	-50 to +125 °C ²⁾	±0.2 °C (-25 to +80 °C) ±0.4 °C (remaining range)	60 s	0613 1712
Surface probes	Illustration	Meas. range	Accuracy	t99	Part no.
<ul style="list-style-type: none"> ● Waterproof NTC surface probe for flat surfaces 	<p>115 mm 50 mm Ø 5 mm Ø 6 mm Conn.: Fixed cable 1.2 m</p>	-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)	35 s	0613 1912
<ul style="list-style-type: none"> ● Pipe wrap probe with Velcro for pipe diameter to max. 75 mm, Tmax. +75 °C, NTC 	<p>300 mm Conn.: Fixed cable</p>	-50 to +70 °C ²⁾	±0.2 °C (-25 to +70 °C) ±0.4 °C (-50 to -25.1 °C)	60 s	0613 4611
Immers./penetr. probes	Illustration	Meas. range	Accuracy	t99	Part no.
<ul style="list-style-type: none"> ● Waterproof NTC immersion/penetration probe 	<p>115 mm 50 mm Ø 5 mm Ø 4 mm Conn.: Fixed cable</p>	-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
Food probes	Illustration	Meas. range	Accuracy	t99	Part no.
<ul style="list-style-type: none"> ● Stainless steel NTC food probe (IP65) with PUR cable 	<p>125 mm 15 mm Ø 4 mm Ø 3 mm Conn.: Fixed cable</p>	-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
<ul style="list-style-type: none"> ● Stainless steel NTC food probe (IP67) with Teflon cable to +250 °C 	<p>125 mm 15 mm Ø 4 mm Ø 3 mm Conn.: Fixed cable</p>	-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 3311
<ul style="list-style-type: none"> ● Robust NTC food penetration probe with special handle, reinforced PUR cable 	<p>115 mm 30 mm Ø 5 mm Ø 3.5 mm Conn.: Fixed cable</p>	-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
<ul style="list-style-type: none"> ● Frozen food probe NTC, corkscrew design (incl. plug-in wire) 	<p>110 mm 30 mm Ø 8 mm Ø 4 mm Conn.: Plug-in cable</p>	-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

● 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)

testo 110
Accessories / Technical data

Accessories	Part no.
Accessories for measuring instrument	
9V rech. battery for instrument instead of battery	0515 0025
Recharger for 9V rechargeable battery for external recharging of 0515 0025 battery	0554 0025
Lithium battery, button cell, type CR 2032 for wireless probes	0515 0028
Printer and Accessories	
Testo printer with wireless infrared interface, 1 roll of thermal paper and 4 AA batteries	0554 0547
Spare thermal paper for printer (6 rolls) measurement data documentation legible for up to 10 years	0554 0568
Spare thermal paper for printer (6 rolls)	0554 0569
External fast charger for 1-4 AA rech. batteries, incl. 4 Ni-MH rech. batteries with individual cell charging and charge control display, incl. impulse trickle charging, integrated discharge function, with built-in international mains plug, 100-240 V, 300 mA, 50/60 Hz	0554 0610
Transport and Protection	
TopSafe, protects from impact and dirt	0516 0221
Case for measuring instrument and probes	0516 0210
Transport case for meas. instr. and probes (405 x 170 x 85 mm)	0516 0201
Transport case for measuring instrument, 3 probes and accessories (430 x 310 x 85 mm)	0516 0200
Calibration certificates	
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

Technical data		Probe type	NTC
Oper. temp.	-20 to +50 °C	Meas. range	-50 to +150 °C
Storage temp.	-40 to +70 °C	Accuracy ±1 digit	±0.2 °C (-20 to +80 °C) ±0.3 °C (remaining range)
Battery type	9V block battery, 6F22	Resolution	0.1 °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)		
Dimensions	182 x 64 x 40 mm		
Weight	171 g		
Material/Housing	ABS		
Warranty	2 years		

See back flap for radio probes