



testo 112

Calibratable Temperature Measuring Instrument

Documentation of measurement values directly on location

NEW!

°C



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Calibratable Temperature Measuring Instrument

The calibratable testo 112 precision temperature measuring instrument was designed specially for official inspection measurements. The instrument is approved for official measurements by food inspectors, assessors and official authorities on account of its PTB design approval and the option of calibrating it. A built-in self-test indicates correct functioning before measurement begins.

Owing to its broad measuring range, testo 112 is the ideal temperature measuring instrument for all areas of food monitoring. NTC probes (thermistor probes) and Pt100 probes (platinum resistance probes) can both be attached to the probe input, so that a broad temperature range is covered, from deep-frozen products to deep-fryer monitoring.

In order to document the readings, testo 112 provides the possibility of printing data directly on location with date and time. This is particularly interesting for food hygiene inspectors. If adjustable high or low limit values are exceeded, the instrument immediately sounds an acoustic alarm.

Occurring minimum and maximum limit values can be conveniently called up in the two-line display.

It is possible to print out readings on site on the Testo printer (optional).

- The instrument for official food inspections
- Data printout on site on the Testo printer (optional)
- TopSafe, indestructible protection case (optional)
- Large, backlit display with 14 mm high characters
- Call up max/min values at the touch of a button
- Highly accurate, officially calibratable temperature measuring instrument
- Minimum/maximum value store



Monitors temperature in refrigerated counter



Food thermometer for official inspections

testo 112, 1 channel temperature measuring instrument NTC/Pt100, calibratable, with battery

Part no.
0560 1128

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
Spare thermal paper for printer (6 rolls)	0554 0569
External recharger incl. 4 Ni-MH rechargeable batteries with built-in, international mains adapter - 100-240 V, 300 mA, 50/60 Hz, 12 VA/instrument	0554 0610
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 0220
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

Technical data		
Probe type	NTC	Pt100
Meas. range	-50 to +120 °C	-50 to +300 °C
Accuracy ±1 digit	±0.2 °C (-25 to +40 °C) ±0.3 °C (+40.1 to +80 °C) ±0.5 °C (remaining range)	±0.2 °C (-50 to +200 °C) ±0.3 °C (remaining range)
Resolution	0.1 °C	0.1 °C
Oper. temp.	-20 to +50 °C	Dimensions 182 x 64 x 40 mm
Storage temp.	-40 to +70 °C	Weight 171 g
Battery life	100 h	Material/Housing ABS
Battery type	9V block battery, 6F22	Warranty 2 years

Air probes	Illustration	Meas. range	Accuracy	t ₉₀	Part no.
<ul style="list-style-type: none"> 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
Surface probes	Illustration	Meas. range	Accuracy	t ₉₀	Part no.
<ul style="list-style-type: none"> 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, T _{max.} +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
<ul style="list-style-type: none"> 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
Food probes	Illustration	Meas. range	Accuracy	t ₉₀	Part no.
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> High temperature NTC food probe, stainless steel, can be used at up to +275°C, Teflon cable up to +200°C (short-term up to 250°C) 		0 to +275 °C	±1% of mv (+100.1 to +275 °C) ±(0.3 °C ±0.5% of mv)(0 to +100 °C)	6 s	0613 3411
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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

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)