

Temperature measuring instrument

testo 108 product series –
for fast, easy and precise
temperature measurements

Optimal for use in the food sector

Easy operation and handling

Instrument and probe waterproof (IP67)

Conform to HACCP and EN 13485

Universally applicable



Temperature measurements are among the tasks carried out daily in the food sector. Only by taking precise measurements can the quality of the products be monitored and guaranteed. And it is the only way to fulfil the HACCP guidelines.

The thermometers from the product series testo 108 carry out spot check measurements in seconds. Whether in the transportation and storage of foodstuffs, in restaurants, in large kitchens or in chain restaurants. The testo 108 is insensitive to moisture and water, and thanks to the softcase (protective cover), is safe from impact damage and dirt.

Technical data

testo 108

testo 108, waterproof temperature instrument (Type T and K), incl. thermocouple probe type T, Softcase and calibration protocol

Part no. 0563 1080



testo 108-2

testo 108-2, waterproof TC temperature measuring instrument (Type T), incl. lockable thermocouple probe Type T, softcase and calibration protocol.

Part no. 0563 1082



testo 108-2

- Screw-in probe lockable, provides absolutely secure attachment
- Auto-hold, hold and min./max. function



Accessories for measuring instrument

Part no.

Standard TC penetration probe Type T for testo 108	0602 1080	
Flexible oven probe, Tmax +250 °C, PTFE cable for testo 108	0603 0646	
Stainless steel food probe (IP67), with FEP cable to +200 °C, TC Type T for testo 108	0603 3392	
Quick needle probe to monitor cooking in oven, T/C Type T for testo 108	0628 0030	
Standard TC penetration probe Type T for testo 108-2	0602 1081	

Sensor type

Measurement unit	Temperature °C / °F
Connectable sensor types	Thermocouple Type T and Type K (testo 108) Thermocouple Type T (testo 108-2)
Measuring range	-50 to +300 °C
Accuracy Instrument (Ambient temperature +23 °C ±3 °C)	±0.5 °C (-30 to +70 °C) ±0.5 °C ±0.5 % of m.v. (remaining range)
Accuracy Probes	±0.5 °C (-40 to -20 °C) ±0.2 °C (-20 to +70 °C) ±0.5 °C (+70 to +125 °C) ±0.4 % of m.v. (+125 to +300 °C)
Resolution	0.1 °C

General technical data

Operating temperature	-20 to +60 °C
Storage temperature	-30 to +70 °C
Protection class	IP67 (with attached included probe and TopSafe)
Measurement rate	2 measurements per second
Adjustment time t_{99}	10 s (in moving liquid)
Display	LCD, one-line, with status line
Weight	150 g (without Softcase)
Dimensions	140 x 60 x 24.5 mm (without probe)
Housing material	TPE/PC + ABS/PC + ABS + 10%GF
Standard	EN 13485
EC guideline	2014/30/EC
Power supply	3 x battery Type AAA
Battery life	2500 h (typical, at 23 °C)
Features	Auto-hold, hold and min./max. function (testo 108-2)