## Temperature measurement – High accuracy

## testo 110

testo 110 is a highly accurate thermometer. The technology used is specially designed for use in refrigerated store rooms, cabinets and for production.

## testo 110

Thermometer, with battery and calibration protocol

## Part no. 0560 1106

Accessories	Part no.
9V rech. battery for instrument, Instead of battery	0515 0025
Recharger for 9V rechargeable battery, For external recharging of 0515 0025 battery	0554 0025
Transport and Protection	Part no.
TopSafe (indestructible protection case) with bench stand, Protects thermometer from corrosive substances, water, impactInstrument has IP68 with all probes	0516 0187
Accessories set (for instrument without TopSafe) includes multi- function clip, carrier loop, probe holder	0554 0550
Accessories set (for instrument with TopSafe) includes multi- function clip and probe holder	0554 0552
Case for instrument and probes, For safe and orderly storage	0516 0182
Transport case (plastic) for instrument and accessories, For safe and orderly storage	0516 0184
Calibration Certificates	Part no.
ISO calibration certificate/Temperature, For air/immersion probes, calibration points -18°C; 0°C; +60°C	0520 0001
ISO calibration certificate/Temperature, Thermometers with surface probe; calibration points +60°C; +120°C; +180°C	0520 0071

-	Technical data	testo 110
	Probe type	NTC
_	Meas. range	-50 to +275 °C
_	Accuracy ±1 digit	±0.5% of mv (+100 to +275 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)
-	Oper. temp.	0 to +40 °C
	Battery life	100 h
-	Dimensions	190 x 57 x 42 mm
_	Weight	300 g

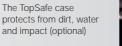
	Description	Illustration			Meas. range	Accuracy	t <sub>99</sub>	Part no.
	Waterproof immersion/penetration		110 mm	30 mm	-50 to +150 °C 2)	) ±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	10 s	0613 1211
	probe		Ø 4 mm	Ø 3.2 mm				Conn.: Fixed cable
¢	Robust food penetration probe with special handle, IP 65, reinforced cable (PUR) and reinforced protection against buckling		30 mm	-50 to +150 °C	±0.5% of mv (+100 to +150 °C)	7 s	0613 2411*	
		nd Ø 5 mm		Ø 3.5 mm	2)	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)		Conn.: Fixed cable
۵	Robust, affordable air probe to check storage temperatures		110 mm	2)	0010 1100 0	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 1711
			Ø 4 mm	<u> </u>				Conn.: Fixed cable
¢	Food probe (IP65) stainless steel, PUR cable can be used at up to +80°C, IP54 plug-in connection	125 mm	15 mm	-50 to +150 °C <sub>2)</sub>	+150 °C) ±0.2 °C (-25 to +74.9 °C)	8 s	0613 2211	
		€i]i/	Ø 4 mm	Ø 3 mm	-	±0.4 °C (remaining range)		Conn.: Fixed cable
۵	Food probe, stainless steel (IP67), with Teflon cable resistant to temperatures of up to +200°C (short- term to +250°C)	125 mm	15 mm	-50 to +150 °C	±0.5% of mv (+100 to +150 °C)	8 s	0613 3311	
		•=U=>_U=>	Ø 4 mm	Ø 3 mm	/	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)		Conn.: Fixed cable
	High temperature food probe, stainless steel, can be used at up to +275°C, Teflon cable up to +200°C (short-term up to 250°C)	ei - Te	125 mm	15 mm	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
			Ø 4 mm	Ø 2.2 mm				Conn.: Fixed cable

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)

\* Probe tested to EN 12830 for suitability in the transport and storage sectors







Checking the temperature during production

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