

Differential thermometer for industry and laboratories



Determines refrigeration unit efficiency with printout of readings on location

The testo 935 thermometer can measure the temperatures of 2 probes and can show them simultaneously on the easy-to-read display. The differential temperature can be called up. Data is printed on location on the Testo printer.

- 2 channels, Type K/J/T
- Display for T1, T2 and differential temperature
- TopSafe, indestructible case, protects from dirt and impact



- Prints
- 2 probe sockets
- Probes
- HOLD/MAX/MIN
- 50 to +1000°C



Technical data

Special technical data for testo 935 only:

Probe type	Type K (NiCr-Ni)	Type J (Fe-CuNi)	Type T (Cu-CuNi)
Meas. range	-50... +1000 °C	-50... +750 °C	-50... +350 °C
Accuracy ± 1 digit	±(0.7 °C ±0.5% of mv) (-40... +900 °C) ±(1 °C ±1% of mv) (-50... -40.1 °C) ±(1 °C ±1% of mv) (+900.1... +1000 °C)	±(0.7 °C ±0.5% of mv) (-50... +750 °C)	±0.6 °C (-20... +70 °C) ±(1 °C ±0.5% of mv) (-50... -20.1 °C) ±(1 °C ±0.5% of mv) (+70.1... +350 °C)
Resolution	0.1 °C (-50... +199.9 °C) 1 °C (+200... +1000 °C)	0.1 °C (-50... +199.9 °C) 1 °C (+200... +750 °C)	0.1 °C (-50... +199.9 °C) 1 °C (+200... +350 °C)
Display	LCD, 2 lines		
Auto Off	10 min		
Chann. external (var.)	2		

See next two pages for more data.

testo 935

testo 935, thermometer, incl. battery and calibration protocol

Part no. 0560 9350

Suitable probes at a glance

NiCr-Ni probes	Illustration	Meas. range	Accuracy	t ₉₉	Conn.	Part no.
Waterproof immersion/penetration probe	110 mm Ø 4 mm	-60... +400 °C	Class 2	7 s	Fixed cable	0602 1292
Accurate, waterproof food probe made of stainless steel (IP67), resistant to corrosive cleaning agents, oven-proof up to +205°C, (short-term: +250°C)	125 mm Ø 4 mm	-60... +400 °C	Class 1	5 s	Fixed cable	0602 3392
Waterproof food probe made of stainless steel (IP65)	125 mm Ø 4 mm	-60... +400 °C	Class 2	7 s	Fixed cable	0602 2292
Waterproof super-quick needle probe, highly accurate measurements without visible penetration hole. Specially for food, ideal for hamburgers, steaks, pizza, eggs etc.	150 mm Ø 1.4 mm	-60... +250 °C	Class 1	1 s	Fixed cable	0628 0026
Robust food penetration probe with special handle, IP 65, reinforced cable (PUR) and reinforced protection from buckling	115 mm Ø 5 mm	-60... +400 °C	Class 1	6 s	Fixed cable	0602 2492
Frozen food probe, corkscrew design	110 mm Ø 8 mm	-60... +400 °C	Class 1	15 s	Plug-in cable	0602 3292
Quick-action, waterproof immersion/penetration probe for measurements in viscoplastic material, ideal for plastic, food etc.	60 mm Ø 3 mm	-60... +800 °C	Class 1	3 s	Fixed cable	0602 2692
Accurate and quick-action immersion probe, waterproof	300 mm Ø 1.5 mm	-60... +1000 °C	Class 1	2 s	Fixed cable	0602 0592
Immersion tip, flexible	500 mm Ø 1.5 mm	-200... +1000 °C	Class 1	5 s		0602 5792
Waterproof surface probe with widened measuring tip for flat surfaces	110 mm Ø 4 mm	-60... +400 °C	Class 2	30 s	Fixed cable	0602 1992
Quick-action surface probe with sprung thermocouple strip, also for rough surfaces, measuring range short-term up to 500°C	150 mm Ø 4 mm	-60... +300 °C	Class 2	3 s	Fixed cable	0602 0392
Quick-action surface probe, bent, with sprung thermocouple strip, also for rough surfaces, measuring range short-term up to +500°C	80 mm Ø 4 mm	-60... +300 °C	Class 2	3 s	Fixed cable	0602 0992

The measuring instrument inside TopSafe is waterproof with this probe.

See testo 926 (Type T, Cu-CuNi) for more probes