

testo 176 T2
2 external temperature probe inputs

The 176 T2 temperature data logger logs temperature at 2 different points simultaneously over a period of several days, weeks or even months.

- Highly accurate temperature measurement in the food sector and in laboratories
- Temperature monitoring e. g. in refrigerators with highly accurate Pt100 probes

testo 176 T2, 2-channel temperature logger with connections for highly accurate external sensor (Pt100) incl. wall holder, lock, battery and calibration protocol

Part no.

0572 1762


Technical data		
Probe type	Pt100 class A	
Channels	2 x external	Oper. temp. -35 to +70 °C
Measurement units	°C, °F	Storage temp. -40 to +85 °C
Measuring range	-50 to +400 °C	Dimensions 103 x 63 x 33 mm
Accuracy ±1 digit	±0,2 °C	Battery type 1 x Lithium (TL-5903)
	(-50 to +200 °C)	Protection class IP 65
	±0,3 °C	Meas. cycle 1 sec - 24 h
	(+200,1 to +400 °C)	Memory 2 mio. measurement values
Resolution	0.01 °C	Software ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11
Battery life (at +25 °C)	8 years at 15 min. meas. rate	

Accessories	Part no.
Software	
ComSoft Basic 5 - CD ComSoft Basic 5 (if free, registration-mandatory download not wanted)	0572 0580
ComSoft Professional 4 - Pro software incl. data archiving	0554 1704
ComSoft CFR 21 Part 11 - Software for requirements according to CFR 21 Part 11 for Testo data loggers	0554 1705
Calibration Certificates	
ISO temperature calibration certificate; temperature probe; calibration points: -18 °C, 0 °C, +40 °C; per channel/instrument	0520 0153
DKD temperature calibration certificate; temperature probe; calibration points: -18 °C, 0 °C, +60 °C; per channel/instrumenta	0520 0261

Accessories	Part no.
USB cable - Cable for connecting the data loggers testo 176 with a PC, mini USB to USB	0449 0047
SD card - for collecting the measurement data from the data loggers testo 176, application range to -20 °C	0554 8803
Wall holder - (black) with padlock for testo 176	0554 1703
Battery for testo 176 -1 x TL-5903 AA cell	0515 1760

Probe (Pt100)	Illustration	Meas. range	Accuracy	t99	Part no.
♦ Waterproof Pt100 immersion/penetration probe, calibratable		-50 to +300 °C	Class A	12 s	0614 1272
♦ Robust stainless steel Pt100 food probe IP65, calibratable		-50 to +300 °C	Class A	10 s	0614 2272
Laboratory probe Pt100, glass-coated, Glass tube (Duran 50) exchangeable, resistant to corrosive media		-50 to +400 °C	Class A (-50 to +300 °C), Class B (rem. meas. range)	45 s 12 s**	0609 7072

♦ The specified tightness class for data loggers is fulfilled with these probes.

* Probe tested according to EN 12830 for suitability for the areas of transport and storage
** without protective glass

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