

testo 176 T4
Data logger with 4 external temperature probe inputs

The testo 176 T4 professional data logger with up to 4 external temperature probe connections for simultaneous temperature measurement at different sites.

- Parallel temperature measurement at up to four measurement sites using different connectable thermocouple probes for different applications
- Easy monitoring and documentation, e. g. of the flow and return temperature of an underfloor heating system at up to four measurement sites simultaneously

testo 176 T4, 4-channel temperature data logger with external sensor connections (TC Type T, Type K and Type J) incl. wall holder, lock, batteries and calibration protocol

Part no.
0572 1764



Technical data		
Probe type	TE (Types T, K and J)	Oper. temp. -20 to +70 °C
Channels	4 x external	Storage temp. -40 to +85 °C
Measurement units	°C, °F	Dimensions 103 x 63 x 33 mm
Measuring range	-200 to +400 °C (Type T)	Battery type 1 x Lithium (TL-5903)
	-195 to +1000 °C (Type K)	Protection class IP 65
	-100 to +750 °C (Type J)	Meas. cycle 1 sec - 24 h
Accuracy ± 1 digit	±1% of reading (-200 to -100.1 °C)	Memory 2 mio. measurement values
	±0.3 °C (-100 to +70 °C) ±0.5% of m.v. (+70.1 to +1000 °C)	Software ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11
Resolution	0.1 °C	
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/instrument	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 1700
Wall holder - (black) with padlock for testo 176	0554 1703
Battery for testo 176 - 1 x TLH-5903 AA cell	0515 1760

Probes (Thermocouple)	Illustration	Meas. range	Accuracy	t99	Part no.
Stationary probe with stainless steel sleeve, TC Type K		-50 to +205 °C	Class 2*	20 s	0628 7533
Pipe wrap probe with Velcro tape for temperature measurements on pipes diameter to max. 120 mm, Tmax. +120 °C, TC Type K		-50 to +120 °C	Class 1*	90 s	0628 0020
Pipe wrap probe for pipe diameters 5 to 65 mm, with exchangeable measuring head, measuring range briefly up to +280 °C, TC type K		-60 to +130 °C	Class 2*	5 s	0602 4592
Magnet probe, adhesion approx. 10 N, with magnets, for higher temperatures, for measurements on metal surfaces, TC type K		-50 to +400 °C	Class 2*		0602 4892
Thermocouple with TC plug flexible, length 1500 mm, fibreglass, TC Type K		-50 to +400 °C	Class 2*	5 s	0602 0645
Superfast needle probe for monitoring cooking times in ovens, TC Type T		-50 to +250 °C	±0.2 °C (-20 ... +70 °C) Class 1 (remaining measuring range)*	2 s	0628 0030

*Acc. to norm 60584-2, the accuracy of Class 1 refers to -40 to -100 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K)