

Professional data logger with 4 probe sockets

External probes
Display/Print
Battery: 5 years
ABS housing
-200 to +1000°C
48,000 readings



The testo 174-T4 professional data logger with up to 4 external temperature probe connections for simultaneous temperature measurement at different locations.

Fluctuations in temperature e.g. in production processes, in laboratories etc. often influence the overall result. Surface, immersion and air probes enable adaptation to the respective measurement task.



Log temperatures in computer systems (e.g. hospital)

- Specially for use in high and low temperatures
- Read out data without interrupting the measurement series
- Data analysis in table or graphics form, with email function

testo 177-T4

4 x external °C

testo 177-T4, temperature data logger, 4 channels, with 4 probe sockets, wall holder and calibration protocol

Part no. 0563 1774



Reset and reboot on-site

Suitable probes at a glance

Description	Illustration	Meas. range	Accuracy	199	Conn. Cable/Length	Part no.
Industrial probe with stainless steel sleeve		-50... +205 °C	Class 2	20 s	Fixed cable 1.9 m	0628 7533
Pipe wrap probe with Velcro, for temperature measurement on pipes with diameter up to max. 120 mm, Tmax +120°C		0... +120 °C	Class 1	90 s	Fixed cable 1.5 m	0628 0020
Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Measuring range short-term to +280°C		-60... +130 °C	Class 2	5 s	Fixed cable 1.2 m	0602 4592
Surface temperature probe fitting with M 14 x 1.5 outer thread and 2 nuts, fast action surface probe with crossed strip		-50... +180 °C	Class 2	3 s	Fixed cable 2 m	0628 7521
Thermocouple, flexible, 800mm long, fibre glass		-50... +400 °C	Class 2	5 s		0602 0644
Thermocouple, flexible, 1500mm long, fibre glass		-50... +400 °C	Class 2	5 s		0602 0645
Thermocouple, flexible, 1500mm long, PTFE		-50... +250 °C	Class 2	5 s		0602 0646
Immersion tip, flexible		-200... +1000 °C	Class 1	5 s		0602 5792
Magnetic probe, adhesive force approx. 10 N, with magnets, for higher temp., for measurements on metal surfaces		-50... +400 °C	Class 2		Fixed cable 1.6 m	0602 4892
Waterproof immersion/penetration probe		-60... +400 °C	Class 2	7 s	Fixed cable 1.2 m	0602 1292
Accurate and quick-action immersion probe, waterproof		-60... +1000 °C	Class 1	2 s	Fixed cable 1.2 m	0602 0592
Robust, affordable air probe		-60... +400 °C	Class 2	25 s	Fixed cable 1.2 m	0602 1792

Practical accessories and recommended sets



Wall holder, for fast attachment of logger to wall

Included

Lock for wall holder

Part no. 0554 1755



testo 575 fast printer, incl. 1 roll of thermal paper and batteries

Part no. 0554 1775



testo 580 data collector including readout holders

Part no. 0554 1778



ComSoft 3 - Basic Set for testo 177, Basic software incl. interface, desk-top holder, PC connection cable

Part no. 0554 1774

testo 177-T4, Monitor high temperatures in production processes



testo 177-T4, temperature data logger, 4 channels, wall holder and calibration protocol

Lock for wall holder

Immersion tip, flexible

Immersion tip, flexible

testo 580 data collector including readout holders

ComSoft 3 - Basic Set for testo 177, incl. interface, desk-top holder, PC connection cable

testo 177-T4, Monitor temperature distribution in hot cabinets



testo 177-T4, temperature data logger, 4 channels, wall holder and calibration protocol

Lock for wall holder

T/C, 1500 mm, fibre glass

T/C, 1500 mm, fibre glass

T/C, 1500 mm, fibre glass

T/C, 1500 mm, fibre glass

testo 580 data collector including readout holders

ComSoft 3 - Basic Set for testo 177, incl. interface, desk-top holder, PC connection cable

Ordering data for Accessories

Part no.

testo 575 fast printer, incl. 1 roll of thermal paper and batteries	0554 1775
Infrared thermal line printer with graph function	
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls)	0554 0568
Measurement data documentation legible for up to 10 years	
Label thermal paper (Testo patent) for testo 575 printer (6 rolls), can be applied directly	0554 0561
testo 580 data collector including readout holders for testo 175/177 data loggers	0554 1778
ComSoft 3 - Basic Set for testo 177, Basic software	0554 1774
With diagram and table function, interface incl. desk-top holder, PC connection cable	
ComSoft 3 - Professional with data management	0554 0830
Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	
NEW ComSoft 3 - For requirements in accordance with CFR 21 Part 11	0554 0821
Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	
Interface for testo 175/177 incl. desk-top holders, PC connection cable (please also order for ComSoft 3 - Professional)	0554 1757
Lock for wall holder for testo 175/177 data loggers	0554 1755
Battery, 3.6 V/1.9 Ah 1AA	0515 0177
Transport case for up to 5 testo 177 data loggers, testo 575 printer, testo 580 data collector and accessories	0516 1770
ISO calibration certificate/Temperature	0520 0151
Temperature data logger; calibration points -18°C; 0°C; +60°C per chan./instr.	
ISO calibration certificate/Temperature	0520 0101
Meas. instruments with air/immersion probe; cal. points selectable from -80 to +1300°C	
ISO calibration certificate/Temperature	0520 0021
Measuring instruments with air/immersion probe; calibration points 0°C; +150°C; +300°C	
DKD calibration certificate/Temperature	0520 0261
Temperature data logger; cal. points -20°C; 0°C; +60°C; per chan./instr.	

Technical data

Chann. external (var.)	4	Memory	48000
Probe type	Type T (Cu-CuNi)	Oper. temp.	0... +70 °C
Meas. range	-200... +400 °C	Storage temp.	-40... +85 °C
Probe type	Type K (NiCr-Ni)	Battery type	Lithium battery
Meas. range	-195... +1000 °C	Weight	129 g
Accuracy	±0.5% of mv (+70.1... +1000 °C)	Protection class	IP43
± 1 digit	±1% of mv (-200... -100.1 °C)	Dimensions	103x64x33 mm
	±0.3 °C (-100... +70 °C)	Warranty	2 years
Resolution	0.1 °C (-200... +1000 °C)	Battery life: 5 years with measuring cycle of 15 min (-10 to +50°C)	
		Measuring cycle: 2 s to 24 h	
		Software: Microsoft Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP	