

Professional long-term monitoring – With 4 probe sockets

testo 177-T4

The testo 177-T4 professional datalogger 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.

- 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
- Memory for up to 48,000 readings

Collect data on site, upload to PC and analyse

Alarm message, efficient indication of limits exceeded



Checking technical systems (flow/return temperature) in production facilities

testo 177-T4

4 x external °C
Temperature datalogger, 4 channel, with 4 probe sockets, wall holder and calibration protocol
Part no. 0563 1774

Technical data			
Chann. external (var.)	4		
Probe type	Type T (Cu-CuNi)	Type K (NiCr-Ni)	Type J (Fe-CuNi)
Meas. range	-200 to +400 °C	-195 to +1000 °C	-100 to +750 °C
Accuracy	±0.5% of mv (+70.1 to +1000 °C)		
±1 digit	±1% of mv (-200 to -100.1 °C)		
	±0.3 °C (-100 to +70 °C)		
Resolution	0.1 °C		
Memory	48000	Measuring rate	2 s to 24 h
Oper. temp.	0 to +70 °C	Protection class	IP43
Storage temp.	-40 to +85 °C	Weight	129 g
Battery type	Lithium battery	Dimensions	103 x 64 x 33 mm
Battery life	5 years at meas. cycle 15 min (-10 to +50 °C)		
Analysis software	MS Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP		

Recommended Set: Set for monitoring technical systems

Temperature datalogger, 4 channel, with 4 probe sockets, wall holder and calibration protocol	0563 1774
Lock for wall holder for testo 175/177 dataloggers	0554 1755
Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Measuring range short-term to +280 °C	0602 4592
Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Measuring range short-term to +280 °C	0602 4592
testo 580 data collector including readout holders, For testo 175/177 dataloggers	0554 1778
ComSoft 3 Set - Basic with RS 232 interface	0554 1774

See page 27 for Accessories Ordering Data

Description	Illustration	Meas. range	Accuracy	t ₉₉	Part no.
Industrial probe with stainless steel sleeve	40 mm Ø 6 mm	-50 to +205 °C	Class 2	20 s	0628 7533 Conn.: Fixed cable
Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Measuring range short-term to +280 °C		-60 to +130 °C	Class 2	5 s	0602 4592 Conn.: Fixed cable
Surface temperature probe fitting with M 14 x 1.5 outer thread and 2 nuts, fast action surface probe with crossed strip		-50 to +180 °C	Class 2	3 s	0628 7521 Conn.: Fixed cable
Thermocouple, flexible, 800mm long, fibre glass	800 mm Ø 1.5 mm	-50 to +400 °C	Class 2	5 s	0602 0644
Thermocouple, flexible, 1500mm long, fibre glass	1500 mm Ø 1.5 mm	-50 to +400 °C	Class 2	5 s	0602 0645
Thermocouple, flexible, 1500mm long, Teflon	1500 mm Ø 1.5 mm	-50 to +250 °C	Class 2	5 s	0602 0646
Accurate and quick-action immersion probe, waterproof	300 mm Ø 1.5 mm	-60 to +1000 °C	Class 1	2 s	0602 0592 Conn.: Fixed cable

♦ The specified seal class of the dataloggers is achieved with these probes.

