



Compact data logger with 2 probe sockets

- External probes
- Display/Print
- Battery: 2.5 years
- ABS housing
- 50 to +1000°C
- 16,000 readings



The 175-T3 temperature data logger logs temperature at 2 different points simultaneously over a period of several days, weeks or even months.

The logger provides fast documentation of e.g. temperature fluctuations in processes. Surface, immersion and air probes are available for a wide range of applications.

- Specially suited to measuring low and high temperatures
- Read out a complete logger at the touch of a button
- Data analysis in table or graphics form, with email function

testo 175-T3

2 x external °C

testo 175-T3, temperature data logger, 2 channels, with 2 probe sockets, wall holder and calibration protocol

Part no. 0563 1756



Checks flow/return temperature in heating systems



Reset and reboot on-site

See pages 18 to 21 for system overview and data management.

Suitable probes at a glance

Description	Illustration	Meas. range	Accuracy	t99	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 strip, 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, Teflon		-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

The specified tightness class of the data loggers is achieved with these probes.



Practical accessories and recommended sets



Wall holder, for fast attachment of logger to wall

Included

Lock for wall holder

Part no. 0554 1755



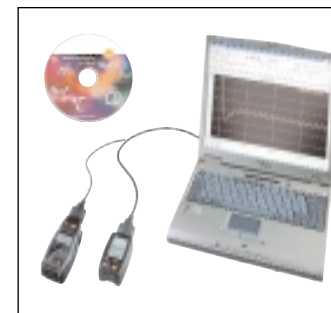
testo 575 fast printer, incl. 1 roll of thermal paper and batteries

Part no. 0554 1775



testo 580 data collector including readout holders

Part no. 0554 1778



ComSoft 3 - Basic Set for testo 175, Basic software with all of the important functions

Part no. 0554 1759

testo 175-T3, Monitors flow/return temperature



testo 175-T3, temperature data logger, 2 channels, wall holder and calibration protocol

- Lock for wall holder
- Pipe wrap probe
- Pipe wrap probe
- ComSoft 3 - Basic Set for testo 175, Basic software

testo 175-T3, Monitors temperature of processes



testo 175-T3, temperature data logger, 2 channels, wall holder and calibration protocol

- Lock for wall holder
- 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 175, Basic software 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 graphics 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 175, Basic software	0554 1759
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)	
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/0.8 Ah 1/2 AA	0515 0175
Transport case for up to 5 testo 175 data loggers, testo 575 printer, testo 580 data collector and accessories	0516 1750
ISO calibration certificate/Temperature	0520 0151
Temperature data logger; calibration points -18°C; 0°C; +60°C per chan./instr.	
KD calibration certificate/Temperature	0520 0261
Temperature data logger; cal. points -20°C; 0°C; +60°C; per chan./instr.	

Technical data

Chann. external (var.) 2		
Probe type	Type T (Cu-CuNi)	Memory 16000
Meas. range	-50... +400 °C	Oper. temp. 0... +70 °C
		Storage temp. -40... +85 °C
Probe type	Type K (NiCr-Ni)	Battery type Lithium battery
Meas. range	-50... +1000 °C	Weight 90 g
		Protection class IP54
Accuracy	±0.7% of mv (+70.1... +1000 °C)	Dimensions 82x52x30 mm
	±1 digit ±0.5 °C (-50... +70 °C)	Warranty 2 years
Resolution	0.1 °C (-50... +1000 °C)	Battery life: 2.5 years with a measuring cycle of 15 min (-10 to +50°C)
		Measuring cycle: 10 s to 24 h
		Software: Microsoft Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP