testo

°C

Compact data logger with 2 probe sockets

External probes

Display/Print

Battery: 2.5 years

ABS housing

-50 to +1000°C

16,000 readings

IP54

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 industrial processes. Surface, immersion and air probes are available for a wide range of applications.

Fast measurement of high temperatures, e.g. in a hardening furnace

- 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

Reset and reboot on-site

Suitable probes at a glance

Description	Illustration	Meas. range	Accuracy	t99	Conn. Cable/Length	Part no.
Industrial probe with stainless steel sleeve	40 mm / Ø 6 mm	-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	395 mm / 20 mm	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	800 mm / Ø 1.5 mm	-50... +400 °C	Class 2	5 s		0602 0644
Thermocouple, flexible, 1500mm long, fibre glass	1500 mm / Ø 1.5 mm	-50... +400 °C	Class 2	5 s		0602 0645
Thermocouple, flexible, 1500mm long, Teflon	1500 mm / Ø 1.5 mm	-50... +250 °C	Class 2	5 s		0602 0646
Immersion tip, flexible	500 mm / Ø 1.5 mm	-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	75 mm / Ø 21 mm	-50... +400 °C	Class 2		Fixed cable 1.6 m	0602 4892
Waterproof immersion/penetration probe	110 mm / Ø 4 mm / 30 mm / Ø 3.2 mm	-60... +400 °C	Class 2	7 s	Fixed cable 1.2 m	0602 1292
Accurate and quick-action immersion probe, waterproof	300 mm / Ø 1.5 mm	-60... +1000 °C	Class 1	2 s	Fixed cable 1.2 m	0602 0592
Robust, affordable air probe	110 mm / Ø 4 mm	-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, Monitor high temperatures in hardening bays

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

Lock for wall holder

Immersion tip, flexible
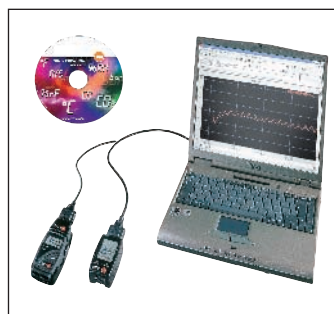
Immersion tip, flexible

testo 580 data collector including readout holders

ComSoft 3 - Basic Set for testo 175, Basic software incl. interface, desk-top holder, PC connection cable

testo 175-T3, Temperature monitoring of industrial 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

Description	Part no.
testo 575 fast printer, incl. 1 roll of thermal paper and batteries Infrared thermal line printer with graph function	0554 1775
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls) Measurement data documentation legible for up to 10 years	0554 0568
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 With diagram and table function, interface incl. desk-top holder, PC connection cable	0554 1759
ComSoft 3 - Professional with data management Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	0554 0830
NEW ComSoft 3 - For requirements in accordance with CFR 21 Part 11 Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	0554 0821
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 Temperature data logger; calibration points -18°C; 0°C; +60°C per chan./instr.	0520 0151
DKD calibration certificate/Temperature Temperature data logger; cal. points -20°C; 0°C; +60°C; per chan./instr.	0520 0261

Technical data

Chann. external (var.)	**2**	Memory	16000
Probe type	Type T (Cu-CuNi)	Oper. temp.	0... +70 °C
Meas. range	-50... +400 °C	Storage temp.	-40... +85 °C
		Battery type	Lithium battery
Probe type	Type K (NiCr-Ni)	Weight	90 g
Meas. range	-50... +1000 °C	Protection class	IP54
		Dimensions	82x52x30 mm
Accuracy ± 1 digit	±0.7% of mv (+70.1... +1000 °C) ±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