

testo 175-T1
Compact data logger

The testo 175-T1 temperature data logger, ideal for accompanying goods, guarantees uninterrupted documentation of the complete refrigeration chain.

The testo 575 fast printer provides proof that the goods have adhered to the specified temperature. All of the data which have been collected by the testo 580 data collector can be sent to your PC for analysis, if required.

testo 175-T1, temperature data logger, 1 channel with internal sensor, incl. wall holder and calibration protocol

Part no.
0563 1754

- ◆ Provides quick overview of current reading, last value saved, max/min value, number of times limits exceeded
- ◆ Non-volatile memory for secure data, even if battery is spent
- ◆ On-site: Fast documentation with infrared printer, 6 lines/s
- ◆ On site: Reset and boot up
- ◆ Remote connection via alarm modem GSM



Accessories	Part no.
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Transport and Protection	
Transport case for up to 5 testo 175 data loggers, testo 575 printer, testo 580 data collector and accessories	0516 1750
Lock for wall holder for testo 175/177 data loggers	0554 1755

Additional accessories and spare parts

Battery, 3.6 V/1.9 Ah 1AA, for testo 175-T1/175-T2 and all testo 177 loggers	0515 0177
testo 580 data collector set with RS232, readout holders included, for testo 175/177 data loggers	0554 1778
testo 580 data collector set with USB, readout holders included, for testo 175/177 data loggers	0554 1764
testo 581 alarm signal output, floating, for testo 175/177, forwards information efficiently when limits are exceeded to e.g. horns, lamps, PLC etc.	0554 1769

Printer and accessories

Fast testo 575 printer, incl. 1 roll of thermal paper and batteries, infrared thermal line printer with graphics 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

Software and accessories

ComSoft 3 - Basic Set with RS232 interface for testo 175, basic software with diagram and table function, incl. desk-top holder, PC connection cable	0554 1759
ComSoft 3 - Basic Set with USB interface for testo 175, basic software with diagram and table function, incl. desk-top holders, PC connection cable	0554 1766
ComSoft 3 - Professional with data management, incl. database, analysis and graphics function, data analysis, trend curve (without interface)	0554 0830
ComSoft 3 - For requirements to CFR 21 Part 11, incl. database, analysis and graphics function, data analysis, trend curve (w/o interface)	0554 0821
RS232 interface for testo 175/177 incl. desk-top holders, PC connection cable, (please also order for ComSoft 3 - Professional)	0554 1757
USB interface, for testo 175/177 incl. desk-top holders, PC conn. cable, (Please order with ComSoft 3 - Professional)	0554 1768
Ethernet adapter, RS232 - Ethernet incl. software driver, mains unit, facilitates data communication in network	0554 1711

Accessories	Part no.
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Calibration certificates	
ISO calibration certificate/temperature, temp. data logger, calibration points -18°C; 0°C; +60°C	0520 0151
DKD calibration certificate/temperature, temp. data logger; cal. points -20°C; 0°C; +60°C	0520 0261

Remote connection via GSM mobile radio, details page 75

Alarm modem GSM, (without Testo measuring instrument and the necessary RS232 adapter)	0554 0522
Software Testo Alarm-Editor Professional AK20 (CD incl. instruction manual), for measuring instruments of the types testo 175/177/400/650/950/454	0554 0519
Software Testo Alarm-Editor Basic AK4 (CD incl. instruction manual), for measuring instruments of the types testo 175/177/400/650/950	0554 0518
Stick aerial, for screwing on to GSM-modem, bendable 2 ways	0554 0523
Magnetic foot aerial, with 3 m cable	0554 0524
Mains unit (rail mounting) 90 to 264V AC/24VDC (2.5A)	0554 1749
Mains unit	0554 1142
Serial interface cable (RS232), for initial parameterization of the alarm modem	0449 0051

Recommended set
testo 175-T1, Starter Set

- testo 175-T1, temperature data logger, 1 channel with internal sensor, incl. wall holder and calibration protocol (Part no. 0563 1754)
- Lock for wall holder for testo 175/177 data loggers (Part no. 0554 1755)
- ComSoft 3 - Basic Set with USB interface for testo 175 (Part no. 0554 1766)

Technical data	
Probe type	NTC (internal)
Meas. range	-35 to +70 °C
Accuracy	±0.5 °C (-20 to +70 °C) ±1 digit ±1 °C (-35 to -20.1 °C)
Resolution	0.1 °C (-20 to +70 °C) 0.3 °C (-35 to -20.1 °C)
Oper. temp.	-35 to +70 °C
Storage temp.	-40 to +85 °C
Battery type	Lithium battery
Material/Housing	ABS
Protection class	IP68
Measuring rate	10 s ... 24 h
Memory	7800
Weight	90 g
Dimensions	82 x 52 x 30 mm
Warranty	2 years
Battery life: 2.5 years at 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	