

**testo 177-T2**
**Internal temperature sensor**

testo 177-T2, the professional datalogger with display. It provides you with a quick overview of the current reading, the last value saved, max and min values and the number of times the limits were exceeded.

All of the values collected by the testo 580 data collector during long-term monitoring over months/years can be sent to your notebook/PC. Convenient analysis possible using software based on Windows®.

testo 177-T2, temperature datalogger, 1 channel, with internal sensor, wall holder and calibration protocol

Part no.

**0563 1772**

- Large display, can also be read from a distance
- Non-volatile memory for secure data, even if memory is spent
- On-site: Fast documentation with the infrared printer, 6 lines/s
- Collect data on-site using testo 580 and download to your PC for analysis



Accessories	Part no.
<b>Transport and Protection</b>	
Transport case for up to 5 testo 177 dataloggers, testo 575 printer, testo 580 data collector and accessories	0516 1770
Lock for wall holder for testo 175/177 dataloggers	0554 1755
<b>Additional accessories and spare parts</b>	
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 including readout holders, For testo 175/177 dataloggers	0554 1778
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	Part no.
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	Part no.
ComSoft 3 Set - Basic with RS 232 interface, Basic software with diagram and table function, incl. desk-top holder, PC connection cable	0554 1774
ComSoft 3 - Basic Set with USB interface for testo 177, Basic software with diagram and table function, incl. desk-top holders, PC connection cable	0554 1767
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 (without interface)	0554 0821
RS 232 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, RS 232 - Ethernet incl. software driver, mains unit, Facilitates data communication in network	0554 1711

Calibration certificates	Part no.
ISO calibration certificate/Temperature, Temp. datalogger; calibration points -18°C; 0°C; +60°C	0520 0151
DKD calibration certificate/Temperature, Temp. datalogger; cal. points -20°C; 0°C; +60°C	0520 0261

Recommended set
<b>testo 177-T2, Starter Set</b>
- testo 177-T2, temperature datalogger, 1 channel, with internal sensor, wall holder and calibration protocol (Part no. 0563 1772)
- Lock for wall holder for testo 175/177 dataloggers (Part no. 0554 1755)
- ComSoft 3 - Basic Set for testo 177, Basic software incl. interface, desk-top holder, PC connection cable (Part no. 0554 1774)

Technical data	
Probe type	NTC (internal)
Meas. range	-40 to +70 °C
Accuracy	±0.4 °C (-25 to +70 °C) ±1 digit ±0.8 °C (-40 to -25.1 °C)
Resolution	0.1 °C
Oper. temp.	-40 to +70 °C
Storage temp.	-40 to +85 °C
Battery type	Lithium battery
Protection class	IP68
Memory	48000
Weight	122 g
Dimensions	103 x 64 x 33 mm
Warranty	2 years
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