

Long-term temperature monitoring – Professional and non-stop

testo 177-T1

The professional testo 177-T1 datalogger (without display) monitors specified temperature conditions in the refrigeration and deep-freeze sector efficiently and accurately over a period of months and years.

Temperature fluctuations, which cause damage, are documented on the testo 575 fast printer or analysed on your PC via interface.

- Logs temperatures with up to 48,000 readings
- Specially for use in low temperatures (up to -40 °C)
- On-site: Fast documentation on the infrared printer, 6 lines/s
- Collect data on-site with testo 580 and download to your PC for analysis

testo 177-T2

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 with display, data is printed on the fast testo 575 printer

Collects data on site which is uploaded to PC for analysis



Long-term temperature logging in an intermediate store with testo 177-T1 (without display)

testo 177-T1 without display

Temperature datalogger (without display), 1 channel, with internal sensor, wall holder and calibration protocol

Part no. 0563 1771

testo 177-T2 with display

Temperature datalogger (with display), 1 channel, with internal sensor, wall holder and calibration protocol

Part no. 0563 1772

Recommended Set: testo 177-T1, Starter Set

Temperature datalogger (without display), 1 channel, with internal sensor, wall holder and calibration protocol	0563 1771
Lock for wall holder for testo 175/177 dataloggers	0554 1755
ComSoft 3 Set - Basic with RS 232 interface	0554 1774

Recommended Set: testo 177-T2, Starter Set

Temperature datalogger (with display), 1 channel, with internal sensor, wall holder and calibration protocol	0563 1772
Lock for wall holder for testo 175/177 dataloggers	0554 1755
ComSoft 3 Set - Basic with RS 232 interface	0554 1774

Technical data

Chann. intern	1	Probe type	NTC
Meas. range	-40 to +70 °C	Resolution	0.1 °C
Accuracy ±1 digit	±0.4 °C (-25 to +70 °C)	±0.8 °C (-40 to -25.1 °C)	
Measuring rate	2 s to 24 h	Memory	48000
Oper. temp.	-40 to +70 °C	Storage temp.	-40 to +85 °C
Dimensions	103 x 64 x 33 mm		
Weight	111 g (testo 177-T1)	122 g (testo 177-T2)	
Battery life	5 years at meas. cycle of 15 min (-10 to +50 °C)		
Analysis software	MS Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP		

Accessories Ordering data See page 27

Service Warranty

"Authentic quality: one of Testo's major claims. Warranties of up to 3 years are proof of our lasting quality - this thoroughness has made us one of the leading manufacturers in the world."



Jörg Wittmer
Head of Customer Service