

Professional data logger for long-term monitoring



Long-term temperature logging with immediate display when limits are exceeded e.g. during transport, in refrigerated rooms, warehouses etc.

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

All of the values collected during long-term monitoring over months/years can be transferred to your notebook/PC. Convenient analysis possible using Windows® based software.

- **Large display, can also be read from a distance**
- **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**



Data analysis on your notebook/PC with user-friendly Windows® software. Data is displayed as table or line graph

testo 177-T2

Internal °C

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

Part no. 0563 1772



Display/Prints
Battery: 5 years
ABS casing
-40 to +70°C
48,000 readings



See pages 26 to 29 for system overview and data management

| 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 177, Basic software | 0554 1774 |
| 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) | |
| NEW ComSoft 3 - For requirements in accordance with CFR 21 Part 11 | 0554 0821 |
| 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/1.9 Ah 1AA | 0515 0177 |
| Transport case for up to 5 testo 177 data loggers, testo 575 printer, testo 580 data collector and accessories | 0516 1770 |
| ISO calibration certificate/Temperature | 0520 0151 |
| Temperature data logger; calibration points -18°C; 0°C; +60°C per chan./instr. | |
| DKD calibration certificate/Temperature | 0520 0261 |
| Temperature data logger; cal. points -20°C; 0°C; +60°C; per chan./instr. | |

Recommended kit:

testo 177-T2, Starter Set

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

Lock for wall holder for testo 175/177 data loggers

ComSoft 3 - Basic Set for testo 177, Basic software incl. interface, desk-top holder, PC connection cable

Technical data

| | | | |
|----------------------|---------------------------|---|-----------------|
| Chann. intern | 1 | Memory | 48000 |
| Probe type | NTC | Oper. temp. | -40... +70 °C |
| Meas. range | -40... +70 °C | Storage temp. | -40... +85 °C |
| Accuracy | ±0.4 °C (-25... +70 °C) | Battery type | Lithium battery |
| ± 1 digit | ±0.8 °C (-40... -25.1 °C) | Weight | 122 g |
| Resolution | 0.1 °C (-40... +70 °C) | Dimensions | 103x64x33 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 | |