



## testo 176 T2

## 2 external temperature probe inputs

The 176 T2 temperature data logger logs temperature at 2 different points simultaneously over a period of several days, weeks or even months.

- Highly accurate temperature measurement in the food sector and in laboratories
- Temperature monitoring e. g. in refrigerators with highly accurate Pt100 probes

testo 176 T2, 2-channel temperature logger with connections for highly accurate external sensor (Pt100) incl. wall holder, lock, battery and calibration protocol

Part no.  
**0572 1762**



Technical data		
<b>Probe type</b>	<b>Pt100 class A</b>	
Channels	2 x external	Oper. temp. -35 to +70 °C
Measurement units	°C, °F	Storage temp. -40 to +85 °C
Measuring range	-50 to +400 °C	Dimensions 103 x 63 x 33 mm
Accuracy	±0,2 °C (-50 to +200 °C)	Battery type 1 x Lithium (TL-5903)
±1 digit	±0,3 °C (+200,1 to +400 °C)	Protection class IP 65
Resolution	0.01 °C	Meas. cycle 1 sec - 24 h
Battery life (at +25 °C)	8 years at 15 min. meas. rate	Memory 2 mio. measurement values
		Software ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11

Accessories	Part no.
<b>Software</b>	
ComSoft Basic 5 - CD ComSoft Basic 5 (if free, registration-mandatory download not wanted)	0572 0580
ComSoft Professional 4 - Pro software incl. data archiving	0554 1704
ComSoft CFR 21 Part 11 - Software for requirements according to CFR 21 Part 11 for Testo data loggers	0554 1705
<b>Calibration Certificates</b>	
ISO temperature calibration certificate; temperature probe; calibration points: -18 °C, 0 °C, +40 °C; per channel/instrument	0520 0153
DKD temperature calibration certificate; temperature probe; calibration points: -18 °C, 0 °C, +60 °C; per channel/instrumenta	0520 0261

Accessories	Part no.
USB cable - Cable for connecting the data loggers testo 176 with a PC, mini USB to USB	0449 0047
SD card - for collecting the measurement data from the data loggers testo 176, application range to -20 °C	0554 8803
Wall holder - (black) with padlock for testo 176	0554 1703
Battery for testo 176 -1 x TL-5903 AA cell	0515 1760

Probe (Pt100)	Illustration	Meas. range	Accuracy	t99	Part no.
◆ Waterproof Pt100 immersion/penetration probe, calibratable	160 mm 50 mm 0.5 mm 0.4 mm Conn.: Fixed cable 1.2 m	-50 to +300 °C	Class A	12 s	0614 1272
◆ Robust stainless steel Pt100 food probe IP65, calibratable	125 mm 15 mm 0.4 mm Conn.: Fixed cable 1.9 m	-50 to +300 °C	Class A	10 s	0614 2272
Laboratory probe Pt100, glass-coated, Glass tube (Duran 50) exchangeable, resistant to corrosive media	200 mm 30 mm 0.5 mm Conn.: Fixed cable	-50 to +400 °C	Class A (-50 to +300 °C), Class B (rem. meas. range)	45 s 12 s**	0609 7072

◆ The specified tightness class for data loggers is fulfilled with these probes.

\* Probe tested according to EN 12830 for suitability for the areas of transport and storage  
\*\* without protective glass