

testo 175 T2

Compact data logger with internal sensor and probe connection

With an additional external probe connection, the testo 175 T2 temperature data logger provides a further temperature measurement option.

- Simultaneous monitoring of air and product temperature
- External probe input for easy connection, e. g. of a permitted food probe for measuring the core temperature of the goods

testo 175 T2, 2-channel temperature data logger with internal (NTC), and external sensor connection (NTC) incl. wall holder, lock, batteries and calibration protocol

Part no.
0572 1752



Technical data		
Probe type	NTC	Storage temp. -35 to +55 °C
Channels	1 x internal, 1 x external	Dimensions 89 x 53 x 27 mm
Measurement units	°C, °F	Battery type 3 x AIMn Type AAA or Energizer
Measuring range	-35 to +55 °C internal -40 to +120 °C external	Protection class IP65
Accuracy	±0.5 °C (-35 to +55 °C) internal ±0.3 °C (-40 to +120 °C) external	Meas. cycle 10 sec - 24 h
±1 digit		Memory 1 mio. measurement values
Resolution	0.1 °C	Software ComSoft Basic 5 ComSoft Professional 4 ComSoft CFR 21 Part 11
Battery life (at +25 °C)	3 years at 15 min. meas. rate	

Accessories	Part no.
Software	
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
Calibration Certificates	
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/instrument	0520 0261

Accessories	Part no.
USB cable - Cable for connecting the data loggers testo 175 and testo 176 with a PC, mini USB to USB	0449 0047
SD card - SD card for collecting the measurement data from the data loggers testo 175, application range to -20 °C	0554 8803
Wall holder - Wall holder (black) with padlock for testo 175	0554 1702
Battery for testo 175 - Application range below -10 °C, alkaline manganese microcells AAA (please order 3 batteries per logger)	0515 0009
Battery for testo 175 - Application range below -10 °C, Energizer L92 microcells AAA (please order 3 batteries per logger)	0515 0042

Probes (NTC)	Illustration	Meas. range	Accuracy	t99	Part no.
Stub probe, IP 54	35 mm Ø 0.3 mm	-20 to +70 °C	±0.2 °C (-20 to +40 °C) ±0.4 °C (+40.1 to +70 °C)	15 s	0628 7510
Stationary probe with aluminium sleeve, IP 65	40 mm Ø 0.6 mm Conn.: Fixed cable; Cable/length: 2.4 m	-30 to +90 °C	±0.2 °C (0 to +70 °C) ±0.5 °C (remaining range)	190 s	0628 7503*
Stainless steel NTC food probe (IP65) with PUR cable	125 mm Ø 0.4 mm 15 mm Ø 0.3 mm Conn.: Fixed cable; Cable/length: 1.6 m	-50 to +150 °C**	±0.5% of mv. (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	8 s	0613 2211*
Accurate immersion/penetration probe, cable: 1.5 m long, IP 67	40 mm Ø 0.3 mm Conn.: Fixed cable; Cable/length: 1.5 m	-35 to +80 °C	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	5 s	0628 0006*
Waterproof NTC immersion/penetration probe	115 mm Ø 0.5 mm 50 mm Ø 0.4 mm Conn.: Fixed cable; Cable/length: 1.2 m	-50 to +150 °C	±0.5% of mv. (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	10 s	0613 1212

◆ The specified seal class of the data loggers is achieved with these probes.

* Probe tested to EN 12830 for suitability in the transport and storage sectors
** Long-term measurement range +125°C, short-term +150°C or +140°C (2 minutes)