

## 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	Meas. cycle 10 sec - 24 h
±1 digit	(-35 to +55 °C) internal ±0.3 °C (-40 to +120 °C) external	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.
<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 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		-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	 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	 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	 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	 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)