

## Logging temperatures – Simultaneously at two sites

### testo 175-T2

With an additional external probe connection, the temperature datalogger provides a further temperature measurement option.

#### testo 175-T2

##### Internal °C + external °C

Temperature datalogger, 2 channels, with internal sensor and external probe socket, wall holder and calibration protocol  
Part no. 0563 1755

- Monitors 2 temperatures simultaneously
- Fast overview of current reading, last value saved, max/min values, number of times limits exceeded
- User-friendly operation, convenient analysis



Collects data on site, uploads to PC and analyses



Tamper-proof with wall holder and lock (optional)

Simultaneous monitoring of product and air temperature e.g. in refrigerated storerooms, containers etc.

#### Technical data

Chann. intern	1	
Meas. range	-35 to +70 °C	
Accuracy ±1 digit	±0.5 °C (-20 to +70 °C)	±1 °C (remaining range)
Resolution	0.1 °C (-20 to +70 °C)	0.3 °C (remaining range)
Chann. external (var.)	1	
Meas. range	-40 to +120 °C	
Accuracy ±1 digit	±0.3 °C (-25 to +70 °C)	±0.5 °C (remaining range)
Resolution	0.1 °C (-25 to +70 °C)	0.3 °C (remaining range)
Battery life	2.5 years at a meas. rate of 15 min (-10 to +50 °C)	
Analysis software	MS Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP	
Memory	16000	Measuring rate 10 s to 24 h
Oper. temp.	-35 to +70 °C	Storage temp. -40 to +85 °C
Protection class	IP68	Dimensions 82 x 52 x 30 mm
Weight	84 g	

See Page 21 for Accessories Ordering Data

#### Recommended Set: testo 175-T2, Starter Set

Temperature datalogger, 2 channels, with internal sensor and external probe socket, wall holder and calibration protocol	0563 1755
Lock for wall holder for testo 175/177 dataloggers	0554 1755
Mounting probe with aluminium sleeve, IP 65	0628 7503
ComSoft 3 Set - Basic with RS 232 interface	0554 1759

Description	Illustration	Meas. range	Accuracy	t <sub>99</sub>	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
Mounting probe with aluminium sleeve, IP 65		-30 to +90 °C	±0.2 °C (0 to +70 °C) ±0.5 °C (remaining range)	190 s	0628 7503* Conn.: Fixed cable
Refrigeration storeroom probe with aluminium sleeve, IP 54, with silicone insulated ribbon cable		-40 to +90 °C (Short-term to +105 °C)	±0.2 °C (0 to +70 °C) ±0.4 °C (-35 to 0 °C) ±0.5 °C (remaining range)	190 s	0628 0042*
Accurate imm./pen. probe, 6m cable, IP 67		-35 to +80 °C	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	5 s	0610 1725* Conn.: Fixed cable
Accurate immersion/penetration probe, cable: 1.5 m long, IP 67					0628 0006*
Probe for surface measurement		-50 to +80 °C	±0.2 °C (0 to +70 °C)	150 s	0628 7516* Conn.: Fixed cable
Food probe (IP65) stainless steel, PUR cable can be used at up to +80 °C, IP54 plug-in connection		-50 to +150 °C Long-term meas. range +125 °C, short-term +150 °C (2 minutes)	±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* Conn.: Fixed cable
Robust food penetration probe with special handle, IP 65, reinforced cable (PUR) and reinforced protection against buckling		-50 to +150 °C Long-term meas. range +125 °C, short-term +150 °C (2 minutes)	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	7 s	0613 2411* Conn.: Fixed cable
Frozen food probe, corkscrew design		-50 to +140 °C Long-term meas. range +125 °C, short-term +140 °C (2 minutes)	±0.5% of mv (+100 to +140 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	20 s	0613 3211* Conn.: Plug-in cable
Robust, affordable air probe to check storage temperatures		-50 to +150 °C Long-term meas. range +125 °C, short-term +150 °C (2 min)	±0.5% of mv (+100 to +150 °C) ±0.2 °C (-25 to +74.9 °C) ±0.4 °C (remaining range)	60 s	0613 1711* Conn.: Fixed cable

❑ The measuring instrument inside TopSafe is waterproof with this probe.

\* Probe tested to EN 12830 for suitability in the transport and storage sectors