

## Recording temperature - simultaneously at two sites

### testo 175-T2

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

#### testo 175-T2

##### Internal °C + external °C

Temperature data logger, 2 channels, with internal sensor and external probe socket, wall holder and calibration protocol

Part no. 0563 1755

- 2 channel: Internal °C + external °C
- Fast overview of the current reading, the value last saved, the max/min values, the number of limits exceeded
- User-friendly operation, convenient analysis



#### Technical data

<b>Chann. intern</b>	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)
<b>Chann. external (var.)</b>	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)
Memory	16000	
Measuring rate	10 s to 24 h	
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	
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	



Collect data on site, upload to PC and analyse



Tamper-proof with wall holder and lock (optional)

Monitoring room and product temperature

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

Temperature data logger, 2 channels, with internal sensor and external probe socket, wall holder and calibration protocol	0563 1755
Lock for wall holder for testo 175/177 data loggers	0554 1755
Stationary probe with aluminium sleeve, IP 65	0628 7503
ComSoft 3 Set - Basic with USB interface	0554 1766

Ordering data accessories see page 22

Temperature 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		-30 to +90 °C	±0.2 °C (0 to +70 °C) ±0.5 °C (remaining range)	190 s	0628 7503* Conn.: Fixed cable, 2.4 m
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, 6 m
Accurate immersion/penetration probe, cable: 1.5 m long, IP 67					0628 0006* Conn.: Fixed cable, 1.5 m
Probe for surface measurement		-50 to +80 °C	±0.2 °C (0 to +70 °C)	150 s	0628 7516* Conn.: Fixed cable, 2 m
Wall surface temperature probe, e.g. to prove damage in building material		-50 to +80 °C	±0.2 °C (0 to +70 °C)	20 s	0628 7507 Conn.: Fixed cable, 3 m
Pipe wrap probe with Velcro for pipe diameter to max. 75 mm, Tmax. +75°C, NTC		-50 to +70 °C	±0.2 °C (-25 to +70 °C) ±0.4 °C (-50 to -25.1 °C)		0613 4611 Conn.: Fixed cable, 1.5 m
Stainless steel NTC food probe (IP65) with PUR cable		-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* Conn.: Fixed cable, 1.5 m

☑ 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  
2) Long-term measurement range +125°C, short-term +150°C or +140°C (2 minutes)