

## Logs high temperatures – With external thermocouples

### testo 175-T3

The temperature data logger records temperature simultaneously at two different points over a period of several days, weeks or months.

- Specially for the measurement of low and high temperatures
- Data analysis as table or graph, with e-mail function
- Alarm message, reliable indication when limits are exceeded

#### testo 175-T3

##### 2 x external °C

Temperature data logger, 2 channels, with 2 probe sockets, wall holder and calibration protocol

Part no. 0563 1756

Technical data			
Chann. external (var.)	2		
Probe type	Type T (Cu-CuNi)	Meas. range	-50 to +400 °C
Probe type	Type K (NiCr-Ni)	Meas. range	-50 to +1000 °C
Accuracy ±1 digit	±0.7% of mv (+70.1 to +1000 °C) ±0.5 °C (-50 to +70 °C)		
Resolution	0.1 °C	Memory	16000
Measuring rate	10 s to 24 h	Protection class	IP54
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.	0 to +70 °C	Storage temp.	-40 to +85 °C
Dimensions	82 x 52 x 30 mm	Weight	90 g

#### Accessories Ordering data See page 64



Data upload to PC or notebook via attachable interface (optional)



Measurement of air inlet and outlet temperature in refrigeration units



### Recommended Set: testo 175-T3, Set for monitoring temperature in processes

Temperature data logger, 2 channels, with 2 probe sockets, wall holder and calibration protocol	0563 1756
Look for wall holder for testo 175/177 data loggers	0554 1755
Thermocouple with TC adapter, flexible, 1500mm long, fibre glass, TC Type K	0602 0645
Thermocouple with TC adapter, flexible, 1500mm long, fibre glass, TC Type K	0602 0645
testo 580 data collector set with USB, readout holders included, for testo 175/177 data loggers	0554 1764
ComSoft 3 Set - Basic with USB interface	0554 1766

Description	Illustration	Meas. range	Accuracy	t99	Part no.
Stationary probe with stainless steel sleeve, TC Type K		-50 to +205 °C	Class 2	20 s	0628 7533 Conn.: Fixed cable
Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter up to max. 120 mm, Tmax +120°C, TC Type K		-50 to +120 °C	Class 1	90 s	0628 0020 Conn.: Fixed cable
Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Meas. range short-term to +280°C, TC Type K		-60 to +130 °C	Class 2	5 s	0602 4592 Conn.: Fixed cable
Surface temperature probe fitting with M 14 x 1.5 outer thread and 2 nuts, fast action surface probe with cross-band, TC Type K		-50 to +180 °C	Class 2	3 s	0628 7521 Conn.: Fixed cable
Thermocouple with TC adapter, flexible, 800mm long, fibre glass, TC Type K		-50 to +400 °C	Class 2	5 s	0602 0644
Thermocouple with TC adapter, flexible, 1500mm long, fibre glass, TC Type K		-50 to +400 °C	Class 2	5 s	0602 0645
Thermocouple with TC adapter, flexible, 1500mm long, Teflon, TC Type K		-50 to +250 °C	Class 2	5 s	0602 0646
Immersion tip, flexible, TC Type K		-200 to +1000 °C	Class 1	5 s	0602 5792
Magnetic probe, adhesive force approx. 10 N, with magnets, for higher temp., for measurements on metal surfaces, TC Type K		-50 to +400 °C	Class 2		0602 4892 Conn.: Fixed cable
Robust air probe, T/C Type K		-60 to +400 °C	Class 2	25 s	0602 1793 Conn.: Fixed cable, 1.2 m

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