

testo Mini Data Logger, Testo / IDL



WWJ9J045



testo 174H mini data logger, 2-channel, incl. wall bracket, battery (2 × CR 2032 lithium) and calibration protocol. The mini data logger for temperature and humidity testo 174H is ideal for monitoring temperature and humidity sensitive goods in storage. The testo 174H also monitors building climate, continuously, securely and unobtrusively. The free software ComSoft testo 174 allows fast programming of the data logger and easy analysis.

- Humidity sensor with long-term stability
- High data integrity, even with empty battery
- Large measurement data memory
- Display of the current temperature or humidity value
- Large measuring range
- Compact and robust
- Issue of alarms via display
- Data transfer to the PC via USB interface

Technical data:

Sensor technology:	NTC/capacitive humidity sensor
Channels:	2 × internal
Measurement unit:	°C, °F, %RH
Measuring range:	-20 to +70°C internal / 0 to 100% RH
Accuracy ± 1 Digit:	± 0.5°C (-20 to +70°C) ± 3% RH (2% to 98% RH) ±0.03% RH/K
Resolution:	0.1°C / 0.1% RH
Dimensions:	60 × 38 × 18.5 mm
Battery life:	1 year (15 min meas. cycle, +25°C)
Operating temperature:	-20 to +70°C
Storage temperature:	-40 to +70°C
Battery type:	2 × CR 2032 Lithium
Protection class:	IP 20
Measuring cycle:	1 min to 24 h
Memory capacity:	16,000 readings



Article	Order No.
① testo 174H mini data logger	10 09 41741
USB-Interface	10 09 41745
for programming and reading out the logger	
Set testo 174H mini data logger	10 09 41742
incl. USB interface for programming and reading out the logger	

testo 174T mini data logger, 1-channel, incl. wall bracket, battery (2 × CR 2032 lithium) and calibration protocol. The mini data logger for temperature testo 174T is ideal for accompanying transports. Simply positioned close to the goods, e.g. in containers and refrigerated rooms, the data logger monitors temperature continuously, securely and unobtrusively. The free software ComSoft Basic allows fast programming of the data logger and easy analysis.

- High data integrity, even with empty battery
- Large measurement data memory
- Watertight in accordance with IP65
- Compact and robust
- Conforms to EN12830
- Issue of alarms via display
- Data transfer to the PC via USB interface

Technical data:

Sensor technology:	NTC
Channels:	1 × internal
Measurement unit:	°C
Measuring range:	-30 to +70°C internal
Accuracy ± 1 Digit:	± 0.5°C (-30 to +70°C)
Resolution:	0.1°C
Dimensions:	60 × 38 × 18.5 mm
Battery life:	500 days (15 min meas. cycle, +25°C)
Operating temperature:	-30 to +70°C
Storage temperature:	-40 to +70°C
Battery type:	2 × CR 2032 Lithium
Protection class:	IP 65
Measuring cycle:	1 min to 24 h
Memory capacity:	16,000 readings



Article	Order No.
② testo 174T mini data logger	10 09 41746
USB-Interface	10 09 41745
for programming and reading out the logger	
Set testo 174T mini data logger	10 09 41747
incl. USB interface for programming and reading out the logger	



testo 175 T3 Temperature Logger

With its two connectors for external thermocouple sensors, the temperature logger testo 175 T3 is the perfect choice if you want to record temperatures in two different places simultaneously, for example to measure the flow and return temperature at radiators. The measured values are safely stored in the temperature logger for subsequent evaluation and documentation of measured data.

Temperature - TE Typ K (NiCr-Ni)

Measuring range: from -50 to +1000°C

Accuracy: $\pm 0.5^{\circ}\text{C}$ (-50 to +70°C) ± 1 digit
 $\pm 0.7\%$ v. Mw. (+70.1 to 1000°C) ± 1 digit

Resolution: 0.1°C

Temperature - TE Typ T (Cu-CuNi)

Measuring range: from -50 to +400°C

Accuracy: $\pm 0.5^{\circ}\text{C}$ (-50 to +70°C) ± 1 digit
 $\pm 0.7\%$ v. Mw. (+70.1 to 400°C) ± 1 digit

Resolution: 0.1°C

Article	Order No.
③ testo 175 T3 Temperature Logger	10 09 41753

testo 175 T3 Temperature Logger Sensors

Article	Order No.
Water-proof immersion/insertion probe	10 09 41292
Robust immersion/penetration thermometer, tube with metal protection, Tmax +230°C, e.g. for checking the temperature of boiling oil, TE of K type; fixed cable, straight	
Flexible immersion tip, low-mass	10 09 40493
Ideal for measurements in a small volume, e.g. in a petri dish	
Other sensors available on request.	



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