



Compact data logger for humidity and temperature

Prints
Battery: 2.5 years
ABS housing
±3% of reading
3,700 readings



The affordable testo 175-H1 humidity/temperature logger monitors ambient humidity and temperature fluctuations efficiently and unobtrusively.

Limit values can be entered, an alarm display is activated if limits are exceeded. testo 575, the fast printer supplies proof of fluctuations in ambient conditions.

- **Humidity sensor guaranteed long-term stable**

- **Non-volatile memory for secure data, even if battery is spent**

- **Fast documentation on the infrared printer, 6 lines/s**

- **Data transfer to PC or notebook via interface or testo 580 data collector**



Monitors humidity and temperature values e.g. in warehouses



On site documentation of limits exceeded caused by fluctuations in ambient conditions e.g. during storage

testo 175-H1

Internal %RH, °C

testo 175-H1, humidity/temperature logger, 2 channels, with internal sensors, wall holder and calibration protocol

Part no. 0563 1757

See pages 18 to 21 for system overview and data management.

Ordering data for Accessories

	Part no.
testo 575 fast printer, incl. 1 roll of thermal paper and batteries	0554 1775
Infrared thermal line printer with graphics function	
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls)	0554 0568
Measurement data documentation legible for up to 10 years	
Label thermal paper (Testo patent) for testo 575 printer (6 rolls), can be applied directly	0554 0561
testo 580 data collector including readout holders for testo 175/177 data loggers	0554 1778
ComSoft 3 - Basic Set for testo 175, Basic software	0554 1759
With diagram and table function, interface incl. desk-top holder, PC connection cable	
ComSoft 3 - Professional with data management	0554 0830
Incl. database, analysis and graphics function, data analysis, trend curve (without interface)	
Interface for testo 175/177 incl. desk-top holders, PC connection cable	0554 1757
(please also order for ComSoft 3 - Professional)	
Lock for wall holder for testo 175/177 data loggers	0554 1755

Battery, 3.6 V/0.8 Ah 1/2 AA	0515 0175
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Transport case for up to 5 testo 175 data loggers, testo 575 printer, testo 580 data collector and accessories	0516 1750
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ISO calibration certificate/Temperature	0520 0151
Temperature data logger; calibration points -18°C; 0°C; +60°C per chan./instr.	

ISO calibration certificate/Humidity	0520 0076
Humidity data logger; calibration points 11.3%RH and 75.3%RH at +25°C; per channel/instrument	

DKD calibration certificate/Humidity	0520 0246
Humidity data logger; cal. points 11.3%RH and 75.3%RH at +25°C; per channel/instrument	

Recommended kit:

testo 175-H1, Starter Set



testo 175-H1, humidity/temperature logger, 2 channels, with internal sensors, wall holder and calibration protocol

Lock for wall holder for testo 175/177 data loggers

ComSoft 3 - Basic Set for testo 175, Basic software incl. interface, desk-top holder, PC connection cable

Technical data

Chann. intern	2
Probe type	Testo humid. sensor, cap. NTC
Meas. range	0... +100 %RH -10... +50 °C
Accuracy ± 1 digit	±3 %RH (0... +100 %RH) ±0.5 °C (-10... +50 °C)
Resolution	0.1 %RH (0... +100 %RH) 0.1 °C (-10... +50 °C)

Memory	3700
Oper. temp.	-10... +50 °C
Storage temp.	-40... +70 °C
Battery type	Lithium battery
Weight	80 g
Dimensions	82x52x30 mm
Warranty	2 years

Battery life: 2.5 years with a measuring cycle of 15 min (-10 to +50°C)

Measuring cycle: 10 s to 24 h

Software: Microsoft Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP