Monitor ambient storage conditions – Reliable and efficient

testo 175-H1

The affordable humidity/temperature logger testo 175-H1, without display, monitors fluctuations in storage humidity and temperature efficiently and unobtrusively.

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

testo 175-H2

The compact humidity/temperature logger with display. It provides you with a fast on-site overview of current readings, the last values saved, max and min values and the number of times limits were exceeded.

The testo 575 fast printer provides proof that the specified ambient storage conditions or production conditions have been adhered to. All of the values logged by the testo 580 data collector can then be uploaded to your PC for analysis.

testo 175-H1 without display. Data is printed on the fast printer.

Data analysis with easy-to-use Windows® software

- Humidity sensor guarantees long-term stability
- Memory for up to 3700 readings (testo 175-H1)
- Memory for up to 16000 readings (testo 175-H2)
- Data safe even when battery is spent
- Fast documentation on infrared printer, 6 lines/s
- Data transfer to PC or Notebook via interface or testo 580 data collector
- Large display (testo 175-H2)

testo 175-H2, transport and ambient storage conditions logging with immediate display of limits exceeded

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testo 175-H1 w/o display

Internal %RH, °C
Humidity/temperature logger, 2 channels, with internal sensors, wall holder and calibration protocol

Part no.   0563 1757

testo 175-H2 with display

Internal %RH, °C
Humidity/Temperature logger, 2 channels, with built-in sensors, wall holder and calibration protocol

Part no.   0563 1758

Recommended Set: testo 175-H1, Starter Set

Humidity/temperature logger, 2 channels, with internal sensors, wall holder and calibration protocol	0563 1757
Lock for wall holder for testo 175/177 dataloggers	0554 1755
ComSoft 3 Set - Basic with RS 232 interface, Basic software with diagram and table function, incl. desk-top holder, PC connection cable	0554 1759

Recommended Set: testo 175-H2, Starter Set

Humidity/Temperature logger, 2 channels, with built-in sensors, wall holder and calibration protocol	0563 1758
Lock for wall holder for testo 175/177 dataloggers	0554 1755
ComSoft 3 Set - Basic with RS 232 interface, Basic software with diagram and table function, incl. desk-top holder, PC connection cable	0554 1759

Technical data	testo 175-H1 w/o display	testo 175-H2 with display
Channels	2	2
Probe type	Testo humid. sensor, cap. NTC	Testo humid. sensor, cap. NTC
Meas. range	0 to +100 %RH* -10 to +50 °C	0 to +100 %RH* -20 to +70 °C
Accuracy ±1 digit	±3 %RH ±0.5 °C	±3 %RH ±0.5 °C
Resolution	0.1 %RH 0.1 °C	0.1 %RH 0.1 °C
Memory	3700	16000
Oper. temp.	-10 to +50 °C	-20 to +70 °C
Storage temp.	-40 to +70 °C	-40 to +85 °C
Weight	80 g	85 g
Dimensions	82 x 52 x 30 mm	82 x 52 x 30 mm
Battery life	2.5 years at a meas. rate of 15 min (-10 to +50 °C)	
Measuring rate	10 s to 24 h	10 s to 24 h
Software	MS Windows 95b / 98 / ME / NT4-Sp4 / 2000 / XP	

* not affected by condensation

See Page 21 for Accessories Ordering Data