



## 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 (please also order for ComSoft 3 - Professional) | 0554 1757 |
| Lock for wall holder for testo 175/177 data loggers                                                                      | 0554 1755 |

|                              |           |
|------------------------------|-----------|
| Battery, 3.6 V/0.8 Ah 1/2 AA | 0515 0175 |
|------------------------------|-----------|

|                                                                                                                |           |
|----------------------------------------------------------------------------------------------------------------|-----------|
| Transport case for up to 5 testo 175 data loggers, testo 575 printer, testo 580 data collector and accessories | 0516 1750 |
|----------------------------------------------------------------------------------------------------------------|-----------|

|                                                                                |           |
|--------------------------------------------------------------------------------|-----------|
| <b>ISO calibration certificate/Temperature</b>                                 | 0520 0151 |
| Temperature data logger; calibration points -18°C; 0°C; +60°C per chan./instr. |           |

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

|                                                                                        |           |
|----------------------------------------------------------------------------------------|-----------|
| <b>DKD calibration certificate/Humidity</b>                                            | 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

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