

# Mini data logger Temperature and humidity

testo 174H

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Long-term stable humidity sensor

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High data security

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Large display

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Display of current temperature or humidity values

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Measurement data store for 16,000 measurement values

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Fast data analysis and documentation on a PC

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Illustration 1:1

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.

The low-cost temperature and humidity data logger guarantees secure measurement results on the basis of state-of-the-art measurement technology. The integrated sensors ensure long-term stable measurement values. This allows you to adhere to and safely document quality assurance guidelines.

## Technical data / Accessories

### testo 174H

testo 174H mini data logger, 2-channel, incl. wall bracket, battery (2 x CR 2032 lithium) and calibration protocol



Part no. 0572 6560

### Set testo 174H

testo 174H mini data logger set, 2-channel, incl. USB interface for programming and reading out the logger, wall bracket, battery (2 x CR 2032 lithium) and calibration protocol



Part no. 0572 0566

#### Sensor type

#### NTC

|                      |                         |
|----------------------|-------------------------|
| Meas. range          | -20 to +70 °C           |
| Accuracy<br>±1 digit | ±0.5 °C (-20 to +70 °C) |
| Resolution           | 0.1 °C                  |

#### Sensor type

#### Testo humid. sensor, cap.

|                      |                                     |
|----------------------|-------------------------------------|
| Meas. range          | 0 to 100 %rF*                       |
| Accuracy<br>±1 digit | ±3 %RH (2 to 98 %RH)<br>±0.03 %RH/K |
| Resolution           | 0.1 %RH                             |

\* Not for condensing atmospheres. For continuous use in high humidity (>80 %RH at ≤30 °C for >12 h, >60 %RH at >30 °C for >12 h), please contact us via our website.

#### General technical data

|                  |   |
|------------------|---|
| Channels         | 2 x internal                            |
| Battery type     | 2 lithium batteries (CR2032)            |
| Battery life     | 1 year (15 min measuring cycle, +25 °C) |
| Oper. temp.      | -20 to +70 °C                           |
| Storage temp.    | -40 to +70 °C                           |
| Dimensions       | 60 x 38 x 18,5 mm                       |
| Protection class | IP20                                    |
| Measuring rate   | 1 min - 24 h                            |
| Memory           | 16.000 readings                         |

#### Accessories

#### Part no.

##### Accessories for measuring instrument

|   |           |  |
|---|-----------|--|
| USB interface for programming and readout of the loggers testo 174T and testo 174H  | 0572 0500 |  |
| Lithium battery CR 2032 button cell (please order 2 batteries per logger)   | 0515 0028 |  |
| ComSoft Basic, Basic software for programming and readout of Testo data loggers; graphic and tabular measurement value presentation as well as export function (if free download with registration not desired) | 0572 0580 |  |
| ComSoft Professional, Pro software incl. data archiving   | 0554 1704 |  |
| ComSoft CFR 21 Part 11, Software for requirements according to CFR 21 Part 11 for Testo data loggers  | 0554 1705 |  |
| ISO calibration certificate/temperature<br>temperature probe; calibration points -18°C; 0°C; +40°C per channel/instrument   | 0520 0153 |  |
| ISO calibration certificate humidity<br>calibration points 11.3 %RH and 75.3 %RH at +25 °C/+77 °F; per channel/instrument   | 0520 0076 |  |