

Technical data / Accessories

testo 175 H1

testo 175 H1, 2-channel temperature and humidity data logger with external humidity sensor (NTC/capacitive humidity sensor), incl. wall holder, lock, batteries and calibration protocol

Part no. 0572 1754



General technical data

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|-----------------------|--|
| Channels | 2 x internal (stump) |
| Battery type | 3 x battery type AAA or Energizer L92 AAA-size cells |
| Battery life | 3 years (15 min. measuring cycle, +25 °C) |
| Operating temperature | -20 to +55 °C |
| Storage temperature | -20 to +55 °C |
| Dimensions | 149 x 53 x 27 mm |
| Weight | 130 g |
| Housing | ABS/PC |
| Protection class | IP54 |
| Measuring rate | 10 s - 24 h |
| Memory | 1 mio. measurement values |

Sensor types

| | NTC | Calc. parameter td | Testo humid. sensor, cap. |
|-------------------|-------------------------|-----------------------------|--------------------------------|
| Measuring range | -20 to +55 °C | -40 to +50 °C _{td} | 0 to 100 %RH* |
| Accuracy ±1 digit | ±0.4 °C (-20 to +55 °C) | +0.03 %RH/K | ±2 %RH (2 to 98 %RH) at +25 °C |
| Resolution | 0.1 °C | | 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.

Accessories

Part no.

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|---|-----------|--|
| Mobile printer for data loggers testo 175/176/184 | 0572 0576 | |
| Wall holder (black) with lock for testo 175 | 0554 1702 | |
| Cable for connecting the data loggers testo 175 and testo 176 to the PC, Mini-USB to USB | 0449 0047 | |
| SD card - for collecting the measurement data from the data loggers testo 175 and testo 176; 2 GB; application range to -20 °C | 0554 8803 | |
| Battery for testo 175 Range of application to -10 °C, alkali manganese microcell AAA (please order 3 batteries per logger) | 0515 0009 | |
| Batteries for for use below -10 °C, lithium batteries AAA (3 off) | 0515 0042 | |
| ComSoft Basic, Basic software for programming and readout of Testo data loggers; graphic and tabular measurement value presentation as well as export function (free download at www.testo.com) | 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 temperature probe; calibration points -18 °C; 0 °C; +40 °C per channel/instrument | 0520 0153 | |
| DAkkS calibration certificate/temperature temp. data logger; cal. points -18 °C; 0 °C; +40 °C; per channel/instrument | 0520 0262 | |
| ISO calibration certificate humidity calibration points 11.3 %RH and 75.3 %RH at +25 °C/+77 °F; per channel/instrument | 0520 0076 | |
| DAkkS calibration certificate humidity humidity probe; cal. points 11.3 %RH and 75.3 %RH at +25 °C; per channel/instrument | 0520 0246 | |

