

Data sheet

testo 174 T / testo 174 T BT
testo 174 H / testo 174 H BT



Mini data logger for temperature and humidity

testo 174 T / testo 174 H
with USB-C and PC software



Both versions available
in black or white

testo 174 T BT / testo 174 H BT
with Bluetooth and app connection



Both versions available
in black or white

Fast and uncomplicated data readout via USB-C

Professional software for Excel export, logger programming, data analysis and PDF reporting

Broad temperature measuring range from -30 °C to +70 °C

Precise measurement of humidity and temperature in the range from -20 °C to +70 °C

Reliable automatic data backup in the event of a flat battery or battery change; convenient storage of up to 16,000 measured values per channel



Free testo Smart App including report generation and export function

Simple and intuitive configuration as well as analysis of measurement data with the testo Smart App

Direct data evaluation via Bluetooth up to 30 meters away

Broad temperature measuring range from -30 °C to +70 °C

Precise measurement of humidity and temperature in the range from -20 °C to +70 °C

Reliable automatic data backup in the event of a flat battery or battery change; convenient storage of up to 16,000 measured values per channel



The testo 174 H and testo 174 H BT mini data loggers record precise temperature and humidity data, while the testo 174 T and testo 174 T BT measure temperature specifically. All models have capacity for up to 16,000 measured values per channel and guarantee reliable protection against data loss thanks to automatic data backup in the event of a flat battery or battery change.

These instruments are ideal for monitoring temperature and humidity-sensitive goods in the warehouse and for continuous monitoring of the building climate – safely and unobtrusively. The free ComSoft Basic software enables fast configuration and simple data analysis for the testo 174 H and 174 T models. It offers Excel export and PDF reporting and thus ensures professional documentation.

The Bluetooth models testo 174 H BT and testo 174 T BT enable convenient operation and display of the measurement values on a smartphone or tablet via the free testo Smart App, regardless of the measurement location.

In the app, PDF reports and Excel exports can be created, supplemented with photos and comments and sent by e-mail, for example. The app is available for iOS and Android

These cost-effective temperature and humidity data loggers guarantee precise measurement results thanks to state-of-the-art measurement technology. Their durable sensors ensure stable measured values for compliance with and documentation of quality assurance guidelines. Both data loggers for temperature and humidity with USB-C and Bluetooth are available in black and white.

Mini temperature data logger

testo 174 T 

Mini temperature data logger with PC software testo 174 T, 1 channel, includes wall bracket, batteries (2 x CR2032 Lithium), USB 2.0 data transfer cable and test report

Order no. 0572 1740 01
 Order no. 0572 1740 02





testo 174 T BT 

Mini temperature data logger with app connection testo 174 T BT, 1 channel, includes wall bracket, batteries (2 x CR2032 Lithium) and test report

Order no. 0572 1742 01
 Order no. 0572 1742 02




| | testo 174 T | testo 174 T BT |
|-------------------------------|---|---|
| Sensor type | NTC | Digital |
| Measuring range | -30 to +70 °C | |
| Accuracy ±1 digit | ±0.5 °C (-30 to +70 °C) | |
| Resolution | 0.1 °C | |
| General technical data | | |
| Channels | 1 x internal | |
| Battery type | 2 Lithium batteries (CR 2032) | |
| Battery life | 500 days (15 min. measuring cycle, +25 °C) | |
| Operating temperature | -30 to +70 °C | |
| Storage temperature | -40 to +70 °C | |
| Dimensions | 60 x 38 x 18.5 mm | |
| Weight | 35 g | |
| Certification | EN12830, HACCP NSF (white version only) | |
| Protection class | IP65 | |
| Measuring cycle | 1 min to 24 h | |
| Memory | 16,000 readings | |
| Connection/connector | USB 2.0 | Bluetooth |
| Software |  testo ComSoft Basic  testo ComSoft Professional |  testo Smart App |
| Logger configuration | ✓ | |
| Measurement data evaluation | ✓ | |
| Reporting | ✓ | ✓ (free Testo account required) |
| Measurement data export | PDF / XLS / HTML / CSV | PDF / CSV / JSON |

Mini data logger for temperature and humidity

testo 174 H 

Mini data logger testo 174 H for temperature and humidity with PC software, 2 channel, incl. wall bracket, batteries (2 x CR 2032 lithium), USB 2.0 data transfer cable and test report

○ Order no. 0572 1741 01
● Order no. 0572 1741 02




testo 174 H BT 

Mini data logger testo 174 H BT for temperature and humidity with app connection, 2 channel, incl. wall bracket, batteries (2 x CR 2032 lithium) and test report

○ Order no. 0572 1743 01
● Order no. 0572 1743 02




| | testo 174 H | testo 174 H BT |
|--------------------|--|----------------|
| Sensor type | NTC | Digital |
| Measuring range | -20 to +70 °C | |
| Accuracy ±1 digit | ±0.5 °C (-20 to +70 °C) | |
| Resolution | 0,1 °C | |
| Sensor type | Testo humidity sensor, capacitive | |
| Measuring range | 0 to 100 %RH* | |
| Accuracy ±1 digit | ±3 %RH (2 to 98 %RH) ±0.03 %RH/K | |
| Resolution | 0.1 %RH | |

* Not for condensing atmospheres. For continuous application 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 (CR 2032) | |
| Battery life | 1 year (15 min. measuring cycle, +25 °C) | |
| Operating temperature | -20 to +70 °C | |
| Storage temperature | -40 to +70 °C | |
| Dimensions | 60 x 38 x 18.5 mm | |
| Weight | 35 g | |
| Certification | HACCP NSF (white version only) | |
| Protection class | IP20 | |
| Measuring cycle | 1 min to 24 h | |
| Memory | 16,000 measurement value pairs (16,000T + 16,000H) | |
| Connection/connector | USB 2.0 | Bluetooth |
| Software |  testo ComSoft Basic testo ComSoft Professional |  testo Smart App |
| Logger configuration | ✓ | |
| Measurement data evaluation | ✓ | |
| Reporting | ✓ | ✓ (free Testo account required) |
| Measurement data export | PDF / XLS / HTML / CSV | PDF / CSV / JSN |

Accessories

ComSoft Basic

Basic software for programming and reading out Testo data loggers; display of measured values in graph and chart form, and export function.



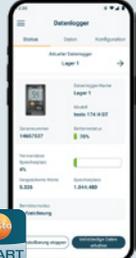
Order no. 0572 0580



Free download

testo Smart App

The app turns your smartphone/tablet into the display for the testo 174 T BT / testo 174 H BT. The operation of the measuring instrument and the display of the measured values are by Bluetooth® via the testo Smart App on your smartphone or tablet – irrespective of the measuring location. In addition, you can use the App to create measurement reports, add photos and comments to these and send them by e-mail. For iOS and Android.



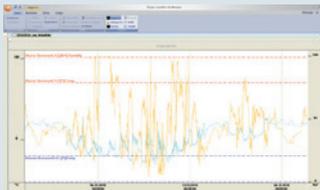
Available on the **Google play** and **App Store**



Free download

ComSoft Professional

Professional software including data archiving for programming and reading out Testo data loggers and for other requirements such as merging measurement data generated at different locations.



Order no. 0554 1704



| Accessories for all versions of testo 174 | Order no. |
|--|-----------|
| Lithium battery CR 2032 button cell (please order 2 batteries per logger) | 0515 5174 |
| ISO temperature calibration certificate; calibration points -18°C, 0°C, +40 °C; per channel/instrument | 0520 0153 |
| Accessories for testo 174 T and testo 174 H | Order no. |
| ComSoft Basic, basic software for programming and reading out Testo data loggers; display of measured values in graph and chart form, and export function. Available as a download after registration. | 0572 0580 |
| ComSoft Professional, professional software, including data archiving | 0554 1704 |
| Accessories for testo 174 H and testo 174 H BT | Order no. |
| ISO humidity calibration certificate; calibration points 11.3 %RH and 75.3 %RH at +25 °C/+77 °F; per channel/instrument | 0520 0076 |



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