Data sheet

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

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# Mini data logger for temperature and humidity

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

- Broad temperature measuring range from -22 to 158 °F (-30 °C to +70 °C)
- Fast and uncomplicated data readout via USB-C
- Professional software for Excel export, logger programming, data analysis and PDF reporting
- Precise measurement of humidity and temperature in the range from -4 to 158 °F (-20 °C to +70 °C)
- Reliable automatic data backup in the event of an empty battery or battery change; convenient storage of up to 16,000 measured values measured values

testo ComSoft PROF

testo ComSoft BASIC

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

- Broad temperature measuring range from -22 to 158 °F (-30 °C to +70 °C)
- Free testoSmart App includes export function and report generation
- Precise measurement of humidity and temperature in the range from -4 °F to 158 °F (-20 °C to +70 °C)
- Simple and intuitive configuration as well as analysis of measurement data with the testo Smart App
- Reliable automatic data backup in the event of a flat battery or battery change; convenient storage of up to 16,000 measured values

testo SMART

Bluetooth® + app
testo Smart App for free download

The testo 174 mini data logger instruments are ideal for continuous monitoring temperature and humidity-sensitive goods in warehouses, restaurants and building climate with food in mind thanks to HAACP and NSF certifications. The testo 174 H and testo 174 H BT loggers measure temperature and humidity, while the testo 174 T and testo 174 T BT focus on temperature. All models store up to 16,000 values and protect against data loss with automatic backup during battery changes.

The free ComSoft Basic software allows quick setup and easy data analysis, including Excel export and PDF reports. ComSoft Professional provides advanced features for trend analysis, multi-location reports, and secure archiving. All for the 174 H and 174 T loggers.

Bluetooth models (174 H BT and 174 T BT) offer convenient operation via the testo Smart App, available for iOS and Android. The app lets you view measurements, create PDF reports, add photos/comments, and email results directly from your smartphone or tablet. These reliable, cost-effective loggers deliver precise data and support compliance with quality assurance standards.

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# 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) and test report

Order no. 0572 1740 01

USB-C

## 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

| | testo 174 T | testo 174 T BT |
|---|---|---|
| **Sensor type** | **NTC** | **Digital** |
| Measuring range | -22 to 158 °F (-30 to +70 °C) | |
| Accuracy ±1 digit | ±0.9 °F (-22 to 158 °F)<br>(±0.5 °C (-30 to +70 °C)) | |
| Solution | 0.1 °F / °C | |
| **General technical data** | | |
| Channels | 1 x internal | |
| Battery type | 2 Lithium batteries (CR 2032) | |
| Battery life | 500 days (15 min. measuring cycle, 77 °F (+25 °C)) | |
| Operating temperature | -22 to 158 °F (-30 to +70 °C) | |
| Storage temperature | -40 to 158 °F (-40 to +70 °C) | |
| Dimensions | 2.4 X 1.5 X 0.7 in (60 X 38 X 18.5mm) | |
| Weight | 1.2 oz (35g) | |
| Certification | EN12830, HACCP, NSF | |
| Protection class | IP65 | |
| Measuring cycle | 1 min to 24 h | |
| Memory | 16,000 readings | |
| Connection/connector | USB 2.0 / USB C | Bluetooth |
| Software | testo ComSoft Basic<br>testo ComSoft Professional | testo Smart App |
| Logger configuration | ✓ | |
| Measurement data evaluation | ✓ | |
| Reporting | ✓ | ✓<br>(only possible after registration) |
| Measurement data export | PDF / XLS / HTML / CSV | PDF / CSV / JSN |

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# 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) and test report

Order no. 0572 1741 01

USB-C

## 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

| | testo 174 H | testo 174 H BT |
|---|---|---|
| **Sensor type** | **NTC** | **Digital** |
| Measuring range | -4 to 158 °F (-20 to +70 °C) | |
| Accuracy ±1 digit | ±0.9 °F (-4 to 158 °F)<br>(±0.5 °C (-20 to +70 °C)) | |
| Resolution | 0.1 °F / °C | |
| **Sensor type** | **Testo humidity sensor, capacitive** | |
| Measuring range | 0 to 100 %RH* | |
| Accuracy ±1 digit | ±3 %RH (2 to 98 %RH)<br>±0.03 %RH/K | |
| Resolution | 0.1 %RH | |
| * Not for condensing atmospheres. For continuous application in high humidity (>80 %RH at ≤86 °F (30 °C) for >12 h, >60 %RH at >86 °F (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, 77 °C (+25 °C)) | |
| Operating temperature | -4 to 158 °F (-20 to +70 °C) | |
| Storage temperature | -40 to 158 °F (-40 to +70 °C) | |
| Dimensions | 2.4 X 1.5 X 0.7 in (60 X 38 X 18.5mm) | |
| Weight | 1.2 oz (35g) | |
| Certification | HACCP | |
| Protection class | IP20 | |
| Measuring cycle | 1 min to 24 h | |
| Memory | 16,000 readings | |
| Connection/connector | USB 2.0 | Bluetooth |
| Software | testo ComSoft Basic<br>testo ComSoft Professional | testo Smart App |
| Logger configuration | ✓ | |
| Measurement data evaluation | ✓ | |
| Reporting | ✓ | ✓<br>(only possible after registration) |
| Measurement data export | PDF / XLS / HTML / CSV | PDF / CSV / JSN |

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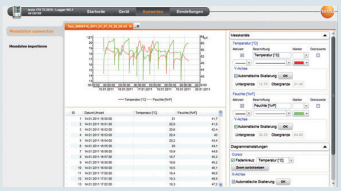
# Accessories

## ComSoft Basic

Free download

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

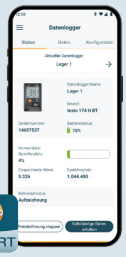


Order no. 0572 0580

## testo Smart App

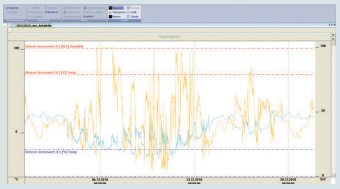
Free download

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.



## ComSoft Professional

Expert software for programming and reading out Testo data loggers, as well as for additional needs like combining measurement data produced at many places, including data preservation.



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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Subject to change, including technical modifications.

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