Data sheet
testo 174 T / testo 174 T BT
testo 174 H / testo 174 H BT

Be sure. **testo**

Mini data logger for temperature and humidity

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

°C/°F
°C/°F
%RH

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

testo ComSoft **PROF**   testo ComSoft **BASIC**

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

°C/°F
°C/°F
%RH

Free 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

testo **SMART**

Bluetooth® + app
testo Smart App for free download

Google play   Available on the App Store

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 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.

www.testo.com

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

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	-30 to +70 °C	
Accuracy ±1 digit	±0.5 °C (-30 to +70 °C)	
Solution	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	
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	✓	✓ (only possible after registration)
Measurement data export	PDF / XLS / HTML / CSV	PDF / CSV / JSN

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

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	-20 to +70 °C	
Accuracy ±1 digit	±0.5 °C (-20 to +70 °C)	
Solution	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	
Solution	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.
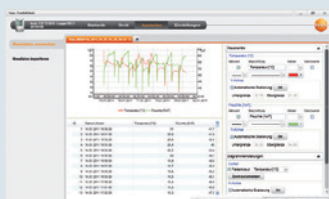
General technical data		
Channels	2 x internal	
Battery type	2 Lithium batteries (CR 2032)	
Battery life	1 year (15 min. measuring cycle, +25 °C)	
Operating temperature	-20 to +70 °C	
Storage temperature	-40 to +70 °C	
Dimensions	60 x 38 x 18.5 mm	
Weight	35 g	
Certification	HACCP	
Protection class	IP20	
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	✓	✓ (only possible after registration)
Measurement data export	PDF / XLS / HTML / CSV	PDF / CSV / JSN

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.
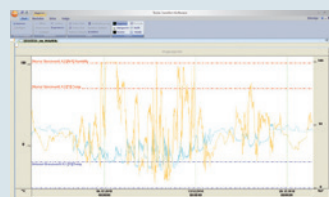
Google play   Available on the App Store

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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