

Mini data logger for temperature and humidity

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



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



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 programming and simple data analysis for the testo 174 H and 174 T models. It offers Excel export and PDF report generation and thus complements the comprehensive functions of the instruments.

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



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



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.

Measurement reports can be created in the app, 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.

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



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



testo 174 T

NTC

testo 174 T BT

Digital

Sensor type	testo 174 T	testo 174 T BT
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 / 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) and test report

Order no. 0572 1741



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



testo 174 H

NTC

testo 174 H BT

Digital

Sensor type	testo 174 H	testo 174 H BT
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, NSF	
Protection class	IP20	
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 / JSON	

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.

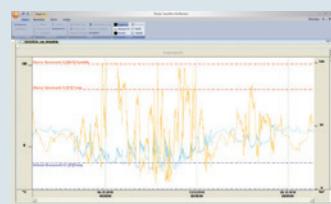
Order no. 0572 0580



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.

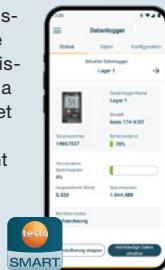
Order no. 0554 1704



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.



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Subject to change, including technical modifications.

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.

0572 0580

Available as a download after registration.

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