

Data sheet

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



Mini data loggers for temperature and humidity

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



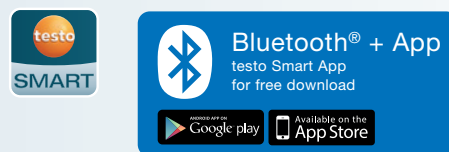
- Fast and uncomplicated data readout via USB-C
- Professional software for Excel export, logger programming, data analysis and PDF reporting
- Broad temperature measuring range from -30 °C to +70 °C
- Precise measurement of humidity and temperature in the range from -20 °C to +70 °C
- Reliable automatic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



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



- Free app including report generation and export function
- Easy 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 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 specifically measure temperature. 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.

The instruments are ideal for efficient commissioning, inspection and maintenance of all HVAC/R systems, as well as for convenient fault diagnosis and monitoring of the indoor climate. 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.

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

PDF reports and Excel exports 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 loggers

testo 174 T

testo 174 T mini temperature data logger with PC software, 1-channel, includes wall bracket, batteries (2 x CR2032 lithium) and test report



Order no. 0572 1740 02

USB-C  




testo 174 T BT

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



Order no. 0572 1742 02

	testo 174 T	testo 174 T BT
Sensor type	Digital	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 (CR2032)	
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	
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 loggers for temperature and humidity

testo 174 H

testo 174 H mini data logger for temperature and humidity with PC software, 2-channel, includes wall bracket, batteries (2 x CR2032 lithium) and test report



Order no. 0572 1741 02

USB-C  

testo 174 H BT

testo 174 H BT mini data logger for temperature and humidity with app connection, 2-channel, includes wall bracket, batteries (2 x CR2032 lithium) and test report






Order no. 0572 1743 02

	testo 174 H	testo 174 H BT
Sensor type	NTC	
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 (CR2032)	
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	
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

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. Both the operation of the measuring instrument and the display of the readings are carried out via Bluetooth® through the testo Smart App on your smartphone or tablet – irrespective of 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.



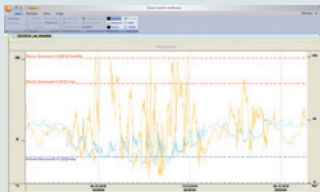
Available on the **Google play** and **App Store**




Free download

ComSoft Professional

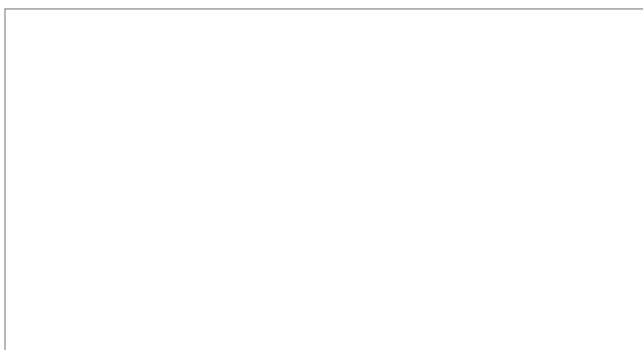
Professional software including data archiving for programming and reading out Testo data loggers and for other requirements such as merging measurement data generated at different locations.



Order no. 0554 1704



Accessories for all versions of testo 174		Order no.
Lithium battery CR2032 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 Testo data loggers; graphical and tabular display of readings, plus 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.