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

Be sure. testo

Mini data loggers 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 simple 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

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 an empty 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 loggers are perfect for commissioning, inspection, and maintenance of HVAC/R systems, as well as fault diagnosis and indoor climate monitoring. 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.

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.

The app allows you to create PDF reports and Excel exports, which can be enhanced with photos and comments, and easily sent via email from a smartphone or tablet.

1.888.610.7664 www.calcert.com sales@calcert.com

Be sure. testo

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 ComSoft PROF

testo ComSoft BASIC

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 SMART

	testo 174 T	testo 174 T BT
Sensor type	**Digital**	**Digital**
Measuring range	-22 to 158 °F (-30 to +70 °C)	
Accuracy ±1 digit	±0.9 °F (-22 to 158 °F) (±0.5 °C (-30 to +70 °C))	
Resolution	0.1 °F / °C	
	General technical data	
Channels	1 x internal	
Battery type	2 Lithium batteries (CR2032)	
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	
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 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

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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 ComSoft PROF

testo ComSoft BASIC

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 SMART

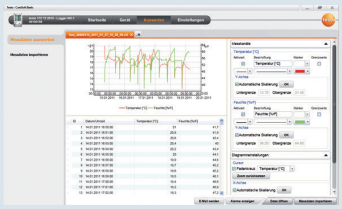
	testo 174 H	testo 174 H BT
Sensor type	**NTC**	**NTC**
Measuring range	-4 to 158 °F (-20 to +70 °C)	
Accuracy ±1 digit	±0.9 °F (-4 to 158 °F) (±0.5 °C (-20 to +70 °C))	
Resolution	0.1 °F / °C	
Sensor type	**Testo humidity sensor, capacitive**	
Measuring range	0 to 100 %RH*	
Accuracy ±1 digit	±3 %RH (2 to 98 %RH) ±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 (CR2032)	
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)	
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 / 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.

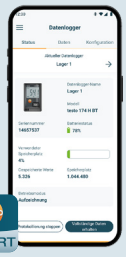


Order no. 0572 0580

testo Smart App

Free download

The app turns your smartphone/tablet into the display for the testo 174 T BT / testo 174 H BT. 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.



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	

0981 0344/sab/10.2024

Subject to change, including technical modifications.

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