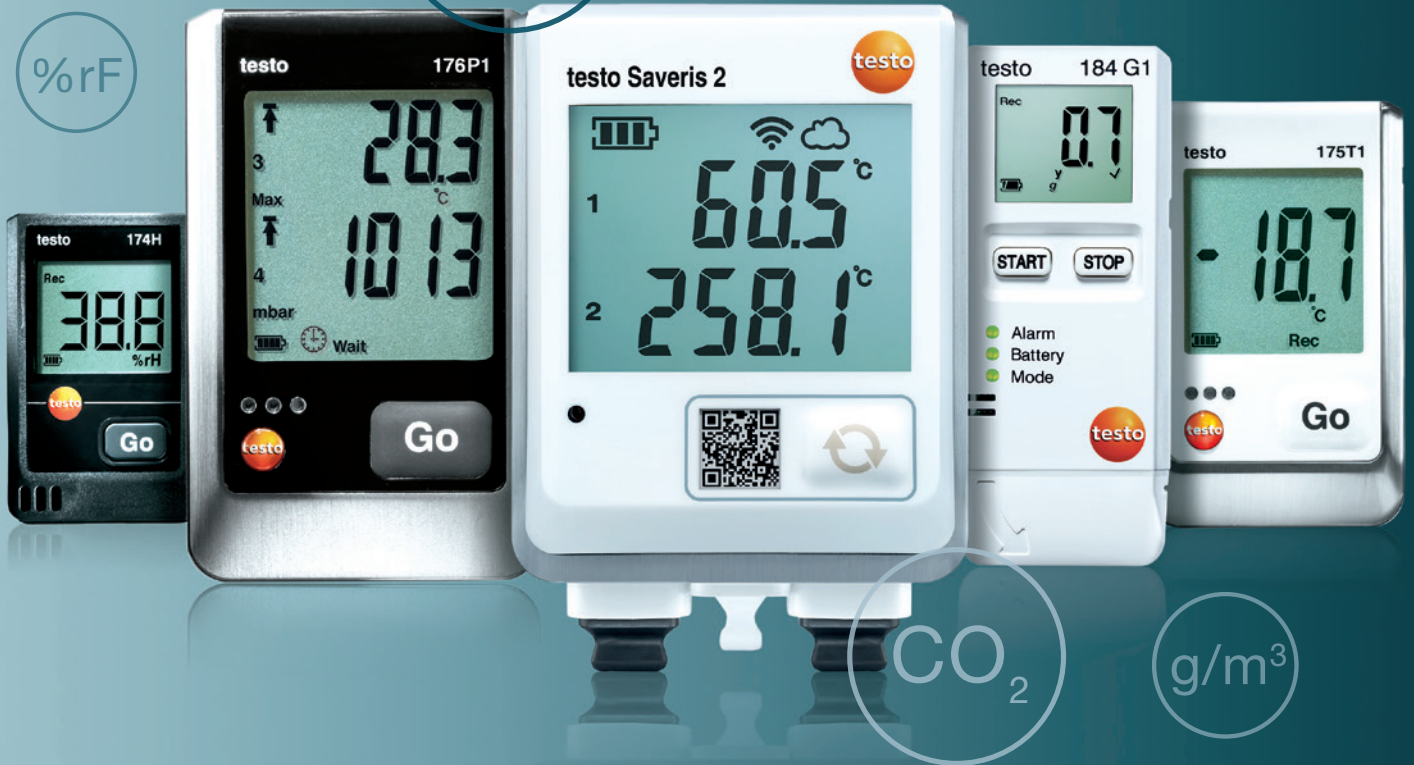


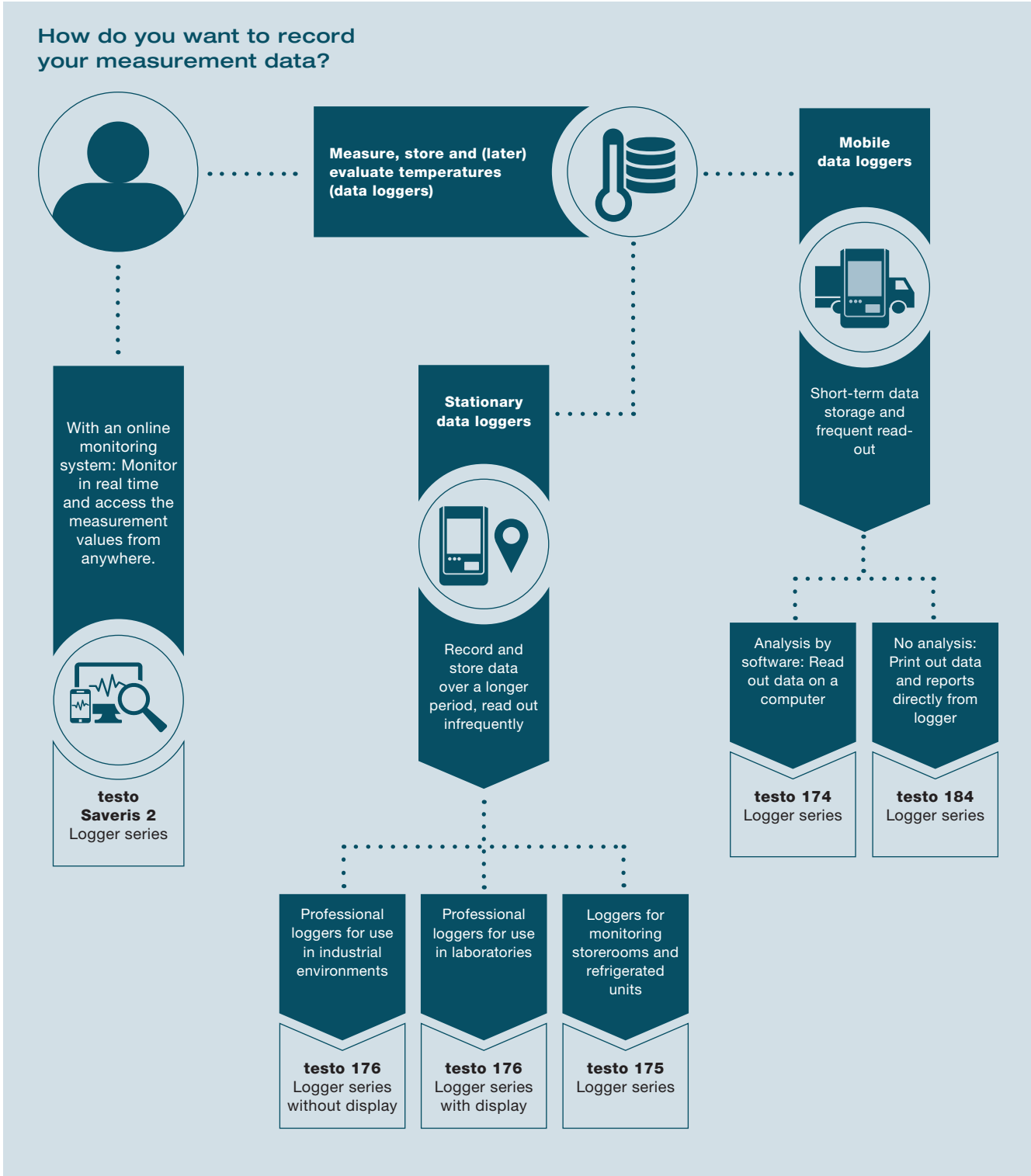
Be sure. **testo**



Measure. Record. Monitor.

Choose the right data loggers for your application now.

You know your requirements - we have the right data loggers.



Monitor temperatures online
in food production



Ensure correct temperature and
humidity values in industry



Record and store IAQ data
in warehouses



Long-term refrigeration
temperature recording



Ready for use in transport and storage testo 174 series

The mini data loggers from the testo 174 series are ideal and reliable for accompanying transport and monitoring storage. Whether they are simply packed in with the goods, or placed in storerooms or refrigerated units: the data

loggers monitor temperature (or additionally humidity), continuously, reliably and unobtrusively. The free testo ComSoft Basic software allows fast programming of the data logger as well as easy data analysis.

testo 174 T set

Mini data logger for temperature in a set

Mini data logger set testo 174T, 1 channel, incl. USB interface for programming and reading out the logger, wall bracket, batteries (2 x CR 2032 lithium) and calibration protocol.



Order no. 0572 0561
EUR XXX.XX



Storage
facilities



Transport /
testo 174 logger series



testo 174 loggers in comparison



All data loggers HACCP-certified



testo 174 T



testo 174 H

General data		
Short description	Mini data logger testo 174T, 1 channel, incl. wall bracket, batteries (2x CR 2032 lithium) and calibration protocol	Mini data logger testo 174H, 2 channel, incl. wall bracket, batteries (2 x CR 2032 lithium) and calibration protocol
Order number	0572 1560	0572 6560
Recommended selling price	XX.XX €	XX.XX €
Technical data		
Measurement parameter	Temperature	Temperature & humidity
Easy-to-read display	✓	✓
Channels	1 x internal	2 x internal
Measuring range	-30 to 70 °C	-20 to +70 °C/ 0 to 100% RH
Accuracy	±0.5°C (-30 to +70 °C)	±0.5 °C (-20 to +70 °C)/ ±3 %RH (2 to 98 %RH) at 25°C
Resolution	0.1 °C	0.1 °C / 0.1 %RH
Measuring cycle	1 min to 24 h	1 min to 24 h
Memory capacity	16,000 readings	16,000 readings
Interface	USB hub	USB hub
Operating/storage temperature	-30 to +70 °C/ -40 to +70 °C	-20 to +70 °C/ -40 to 70 °C
Battery life	500 days (15 mins. meas. rate, +25 °C)	1 year (15 mins. meas. rate, +25 °C)
Dimensions / weight	60 x 38 x 18.5 mm / 35 g	60 x 38 x 18.5 mm / 35 g
Protection class	IP 65	IP 20
EN certificate	EN 12830	✘



In transit for you up to 500 days: testo 184 series

With the data loggers from the testo 184 series, you monitor every step of your cold chain in the transport of sensitive goods by rail, air or road. At their destination, you see at a glance whether the configured limit values have been adhered to. In order for you to be able to work even

more efficiently and conveniently with the data loggers, all required files and information are stored directly and securely in the respective testo 184: Configuration file, acceptance test certificate, instruction manual and PDF report of your recorded data.

testo 184 T1 and testo 184 T2 Temperature data loggers for transport monitoring

Thanks to their permanently built-in battery, the testo 184 T1 and testo 184 T2 are designed to be loggers with a limited duration of use, and therefore ideal for one-way transports.

testo 184 T1
Order no. 0572 1841
EUR XXX.XX

testo 184 T2
Order no. 0572 1842
EUR XXX.XX



testo 184 G1 for transport monitoring of shock, humidity and temperature

With the data logger testo 184 G1 for shock, humidity and temperature, you can now monitor the transport of sensitive products such as electronics, art, pharmaceuticals or foods over an unlimited operating time thanks to a replaceable battery. Delivery incl. wall bracket.

Order no. 0572 1846
EUR XXX.XX



Transport /
testo 184 logger series





**Mobile
data
loggers**

testo 184 loggers in comparison



All data loggers HACCP-certified



General data

Short description	USB data logger testo 184 T3 for temperature, unlimited use thanks to exchangeable battery. Available in packs of 1, 10 and 50 off	USB data logger testo 184 T4 for temperature, unlimited use thanks to exchangeable battery. Available in packs of 1 and 10 off	USB data logger testo 184 H1 for temperature and humidity, unlimited use thanks to exchangeable battery. Available in packs of 1, 10 and 50 off
Order number	0572 1843	0572 1844	0572 1845
Recommended selling price	XX.XX €	XX.XX €	XX.XX €

Technical data

Measurement parameter	Temperature	Temperature	Temperature & humidity
Immediate creation of a PDF report after connection to a PC	✓	✓	✓
Specially for transports down to -80°C	✗	✓	✗
Channels	1 x internal	1 x internal	1 x internal
Measuring range	-35 to +70 °C	-80 to +70 °C	-20 to +70 °C, 0 to 100 %RH
Accuracy	±0.5°C	±0.8 °C (-80 to -35.1 °C) ±0.5 °C (-35 to +70 °C)	±0.5 °C (0 to +70 °C) ±0.8 °C (-20 to 0 °C)/ ±1.8 %RH +3 % of m.v. at +25 °C (5 to 80 %RH)
Resolution	0.1 °C	0.1 °C	0.1 °C / 0.1% RH
Measuring cycle	1 min to 24 h	1 min to 24 h	1 min to 24 h
Memory capacity	40,000 readings	40,000 readings	64,000 readings
Interface	USB interface	USB interface	USB interface
Operating/storage temperature	-35 to +70 °C / -55 to +70 °C	-80 to +70 °C / -80 to +70 °C	-20 to +70 °C / -55 to +70 °C
Battery life	500 days (at +25 °C and 15 mins measurement rate)	100 days (with 15 min measurement rate)	500 days (at +25 °C and 15 mins measurement rate)
Dimensions / weight	44 x 12 x 97 mm / 45 g	44 x 12 x 97 mm / 45 g	44 x 12 x 97 mm / 45 g
Protection class	IP 67	IP 67	IP 30
EN certificate	EN 12830	EN 12830	✗

Stationary
data
loggers



Specialist for storage facility management: **testo 175 series**

Compact loggers for long-term jobs: the monitoring of refrigerated and deep-freeze rooms as well as the documentation of transport temperature in trucks are the core skills of the testo 175 data logger series. They are equipped with a large memory and long-life batteries, so

you only need to read out the data infrequently, even with a short measurement cycle. And when the time comes, the free software testo ComSoft Basic makes analyzing the data just as easy as programming the data logger.

testo 175 T3

Temperature data loggers

The testo 175 T3 is a 2-channel temperature data logger with external sensor connection (TC Type T and Type K). The large measuring range and the simultaneous measurement at two places make the data logger suitable for use anywhere. Delivery incl. wall bracket, lock, batteries and calibration protocol.

Order no. 0572 1753
EUR XXX.XX



Storage facilities /
testo 175 logger series



**Stationary
data
loggers**

**testo 175 loggers in
comparison**



All data loggers HACCP-certified



General data

Short description	testo 175 T1 1-channel temperature data logger with internal sensor (NTC), incl. wall bracket, lock, batteries and calibration protocol	testo 175 T2, 2-channel temperature data logger with internal (NTC) and external (NTC) sensor connection, incl. wall bracket, lock, batteries and calibration protocol	testo 175H, 2-channel temperature and humidity data logger with external humidity sensor (NTC/capacitive humidity sensor) incl. wall bracket, lock, batteries and calibration protocol
Order number	0572 1751	0572 1752	0572 1754
Recommended selling price	XX.XX €	XX.XX €	XX.XX €

Technical data

Measurement parameter	Temperature	Temperature	Temperature & humidity
Easy-to-read display	✓	✓	✓
Mobile readout/printout on site	✓	✓	✓
Channels	1 x internal	1 x internal, 1 x external	2 x internal (stump)
Measuring range	-35 to +55 °C	-35 to +55 °C int. / -40 to +120 °C ext.	-20 to +55 °C/ 0 to 100% RH
Accuracy	±0.5 °C (-35 to +55 °C)	±0.5 °C (-35 to +55 °C) int. ±0.3 °C (-40 to +120 °C) ext.	±0.4 °C (-20 to +55 °C)/ ±2 %RH (2 to 98 %RH) at +25 °C
Resolution	0.1 °C	0.1 °C	0.1 °C / 0.1% RH
Measuring cycle	10 sec to 24 h	10 sec to 24 h	10 sec to 24 h
Memory capacity	1 mio. measurement values	1 mio. measurement values	1 mio. measurement values
Interface	Mini USB, SD card slot	Mini USB, SD card slot	Mini USB, SD card slot
Operating/storage temperature	-35 to +55 °C	-35 to +55 °C	-20 to +55 °C
Battery life	3 years (15 mins. meas. rate, +25 °C)	3 years (15 mins. meas. rate, +25 °C)	3 years (15 mins. meas. rate, +25 °C)
Dimensions / weight	89 x 53 x 27 mm / 130 g	89 x 53 x 27 mm / 130 g	149 x 53 x 27 mm / 130 g
Protection class	IP 65	IP 65	IP 54
EN certificate	EN 12830	EN 12830	—



Extra precise for use in laboratories: testo 176 T2 / T2/T4

Highly accurate Pt100 sensors qualify the data loggers testo 176 T2, testo 176 T4 and testo 176 H1 for use in laboratories. You have the current measurement values always in view in the display, as well as the set limit values and limit value violations, min. and max. values and the remaining battery life. The large measurement data

memory and the battery life of up to 8 years ensure that you only need to read out the data infrequently, even with a short measurement cycle. The data loggers come in a package with the free software testo ComSoft Basic, which makes programming the logger faster, and data analysis considerably easier.

testo 176 P1

Data logger for pressure, temperature and humidity

The testo 176 P1 is a 5-channel data logger for pressure, temperature and humidity. It has an internal sensor which measures absolute pressure precisely, as well as external sensor connections (NTC/capacitive humidity sensor). Delivery incl. wall bracket, lock, batteries and calibration protocol.

Order no. 0572 1767
EUR XXX.XX



Processing /
testo 176 logger series



Stationary data loggers

testo 176 loggers in comparison



All data loggers HACCP-certified



testo 176 T2



testo 176 T4



testo 176 H1

General data

Short description	testo 176 T2, 2-channel temperature data logger with connections for highly precise external sensors (P100), incl. wall bracket, lock, battery and calibration protocol	testo 176 T4, 4-channel temperature logger with external sensor connections (TC Type T, Type K and Type J), including wall bracket, lock, batteries and calibration protocol	testo 176 H1, 4-channel temperature and humidity data logger with external sensor connections (NTC/capacitive humidity sensor) incl. wall bracket, lock, batteries and calibration protocol
Order number	0572 1762	0572 1764	0572 1765
Recommended selling price	XX.XX €	XX.XX €	XX.XX €

Technical data

Measurement parameter	Temperature	Temperature	Temperature & humidity
Easy-to-read display	✓	✓	✓
Extremely high measurement range	✗	✓	✗
Channels	2 x external	4 x external	4 x external
Measuring range	-100 to +400°C	-100 to +750 °C (Type J) -195 to +1000 °C (Type K) -200 to +400 °C (Type T)	-20 to +70 °C/ 0 to 100% RH
Accuracy	±0.2 °C (-100 to +200°C) ±0.3 °C (+200.1 to +400°C)	±1% of m.v. (-200 to -100.1 °C) ±0.3 °C (-100 to +70 °C) ±0.5% of m.v. (+70.1 to +1000 °C)	±0.2 °C (-20 to +70 °C) ±0.4 °C (remaining meas. range) / probe-specific
Resolution	0.01 °C	0.1 °C	0.1 °C / 0.1% RH
Measuring cycle	10 sec to 24 h (freely selectable, for online measurement 2 sec to 24h)	10 sec to 24 h (freely selectable, for online measurement 2 sec to 24h)	10 sec to 24 h (freely selectable, for online measurement 2 sec to 24h)
Memory capacity	2 mio. measurement values	2 mio. measurement values	2 mio. measurement values
Interface	Mini USB, SD card slot	Mini USB, SD card slot	Mini USB, SD card slot
Operating/storage temperature	-35 to +70 °C / -40 to +85 °C	-20 to +70 °C / -40 to +85 °C	-20 to +70 °C / -40 to +85 °C
Battery life	8 years (15 mins. meas. rate, +25 °C)	8 years (15 mins. meas. rate, +25 °C)	8 years (15 mins. meas. rate, +25 °C)
Dimensions / weight	103 x 63 x 33 mm / approx. 220g	103 x 63 x 33 mm / approx. 230 g	103 x 63 x 33 mm / approx. 220g
Protection class	IP 65	IP 65	IP 65
EN certificate	EN 12830	EN 12830	✗



Extra robust for industrial environments: **testo 176 T1 / T3 / H2**

When highly accurate, long-term monitoring of temperature and humidity under extreme conditions is required, the data loggers testo 176 T1, testo 176 3 and testo 176 H2 are the right choice. The metal housing of these loggers is

able to resist high mechanical influences and hard impacts. Particularly useful: The free testo ComSoft Basic is your tool for easy analysis of the measurement data, as well as fast programming of the loggers.

testo 176 T1 Temperature data loggers

The testo 176 T1 is a 1-channel temperature data logger with protection class IP68 and a highly precise internal sensor (Pt100). Delivery incl. wall bracket, lock, batteries and calibration protocol.

Order no. 0572 1761
EUR XXX.XX



Processing /
testo 176 logger series



**Stationary
data
loggers**

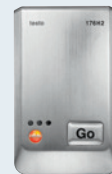
testo 176 loggers in comparison



All data loggers HACCP-certified



testo 176 T3



testo 176 H2

General data

Short description	testo 176 T3, 4-channel temperature logger in metal housing with external sensor connections (TC Type T, Type K and Type J), including wall bracket, lock, batteries and calibration protocol	testo 176 H2, 4-channel temperature and humidity data logger in metal housing with external sensor connections (NTC/capacitive humidity sensor) incl. wall bracket, lock, batteries and calibration protocol
Order number	0572 1763	0572 1766
Recommended selling price	XX.XX €	XX.XX €

Technical data

Measurement parameter	Temperature	Temperature & humidity
Extremely wide measurement range	✔	✘
Channels	4 x external	4 x external
Measuring range	-100 to +750 °C (Type J) -195 to +1000 °C (Type K) -200 to +400 °C (Type T)	-20 to +70 °C/ 0 to 100% RH
Accuracy	±1% of m.v. (-200 to -100.1 °C) ±0.3 °C (-100 to +70 °C) ±0.5% of m.v. (+70.1 to +1000 °C)	±0.2 °C (-20 to +70 °C) ±0.4 °C (remaining meas. range) / probe-specific
Resolution	0.1 °C	0.1 °C / 0.1% RH
Measuring cycle	10 sec to 24 h (freely selectable, for online measurement 2 sec to 24h)	10 sec to 24 h (freely selectable, for online measurement 2 sec to 24h)
Memory capacity	2 mio. measurement values	2 mio. measurement values
Interface	Mini USB, SD card slot	Mini USB, SD card slot
Operating/storage temperature	-20 to +70 °C / -40 to +85 °C	-20 to +70 °C / -40 to +85 °C
Battery life	8 years (15 mins. meas. rate, +25 °C)	8 years (15 mins. meas. rate, +25 °C)
Dimensions / weight	103 x 63 x 33 mm / approx. 430g	103 x 63 x 33 mm / approx. 430g
Protection class	IP 65	IP 65



Monitors and provides alarms: **testo Saveris 2**

The testo Saveris 2 WiFi data logger system is the networked solution for monitoring temperature and humidity values in storerooms and work rooms. The system can be easily installed via your browser or the testo Saveris 2 App. You can analyze the stored measurement values anywhere

and at any time using an internet-enabled smartphone, tablet or PC. Limit value violations are immediately reported by e-mail (optionally by SMS) or via the App as a push notification. This allows critical processes to be kept always under control, even if you are not on site yourself.

testo Saveris 2-T2 WiFi data logger with display and 2 connections for NTC temperature probes

The testo Saveris2-T2 has two connections for external NTC temperature probes or door contacts. These allow you not only to measure the temperature in the refrigerated room, but also monitor when the door is opened. The WiFi data logger is delivered incl. USB cable, wall bracket, batteries and calibration protocol.

Order no. 0572 2032
EUR XXX.XX



Storage facilities



Processing /
testo Saveris 2 logger series



Online monitoring system

testo Saveris 2 loggers in comparison



All data loggers HACCP-certified



testo Saveris 2-T1



testo Saveris 2-T3



testo Saveris 2-H1

General data

Short description	testo Saveris 2-T1; WiFi data logger (wireless LAN) with display and internal NTC temperature sensor, incl. USB cable, wall bracket, batteries and calibration certificate	testo Saveris 2-T3; WiFi data logger (wireless LAN) with display for measuring temperature, two connections for external TC temperature probes (Types K, T, J), incl. USB cable, wall bracket, batteries and calibration certificate	testo Saveris 2-H1; WiFi data logger (wireless LAN) with display for measuring temperature and relative humidity, internal capacitive sensor incl. USB cable, wall bracket, batteries and calibration certificate
Order number	0572 2031	0572 2033	0572 2034
Recommended selling price	XX.XX €	XX.XX €	XX.XX €

Technical data

Measurement parameter	Temperature	Temperature	Temperature & humidity
High accuracy and large measurement range	-	✓	-
Channels	1x NTC internal	2x thermocouple type K/J/T external	1x NTC/humidity internal
Measuring range	-30 to +50 °C	K: -195 to +1350 °C J: -100 to +750 °C T: -200 to +400 °C	-30 to 50 °C/ 0 to 100% RH
Accuracy	±0.5 °C	±(0.5 + 0.5 % of m.v.) °C	± 0.5 °C / ± 2 %RH
Resolution	0.1 °C	0.1 °C	0.1 °C / 0.1% RH
Measuring cycle	Depends on the Cloud licence Basic: 15 min to 24 h Advanced: 1 min to 24 h	Depends on the Cloud licence Basic: 15 min to 24 h Advanced: 1 min to 24 h	Depends on the Cloud licence Basic: 15 min to 24 h Advanced: 1 min to 24 h
Radio frequency	2.4 GHz (IEEE 802.11 b/g/n)	2.4 GHz (IEEE 802.11 b/g/n)	2.4 GHz (IEEE 802.11 b/g/n)
Transmission interval	1 min to 24 h (15 min default)	1 min to 24 h (15 min default)	1 min to 24 h (15 min default)
Operating/storage temperature	-30 to +50 °C/-40 to +70 °C	-30 to +50 °C/-40 to +70 °C	-30 to +50 °C/-40 to +70 °C
Battery life	24 months	24 months	24 months
Dimensions / weight	95 x 75 x 30.5 mm / 240 g	95 x 75 x 30.5 mm / 240 g	115 x 82 x 31 mm / 250 g
Protection class	IP 65	IP 54	IP 30
EN certificate	EN 12830	-	-

Overview of order details.

Product description	Order no.	EUR
testo 174 T Mini data logger for temperature	0572 1560	XX.XX €
testo 174 H Mini data logger for temperature and humidity	0572 6560	XX.XX €
testo 175 T1 Temperature data logger	0572 1751	XX.XX €
testo 175 T2 Temperature data logger	0572 1752	XX.XX €
testo 175 T3 Temperature data logger	0572 1753	XX.XX €
testo 175 H1 Data logger for temperature and humidity	0572 1754	XX.XX €
testo 176 T1 Temperature data logger	0572 1761	XX.XX €
testo 176 T2 Temperature data logger	0572 1762	XX.XX €
testo 176 T3 Temperature data logger	0572 1763	XX.XX €
testo 176 T4 Temperature data logger	0572 1764	XX.XX €
testo 176 H1 Data logger for temperature and humidity	0572 1765	XX.XX €
testo 176 H2 Data logger for temperature and humidity	0572 1766	XX.XX €
testo 176 P1 Data logger for pressure, temperature and humidity	0572 1767	XX.XX €

Product description	Order no.	EUR
testo 184 T1 USB data logger for temperature	0572 1841	XX.XX €
testo 184 T2 USB data logger for temperature	0572 1842	XX.XX €
testo 184 T3 USB data logger for temperature	0572 1843	XX.XX €
testo 184 T4 USB data logger for temperature	0572 1844	XX.XX €
testo 184 H1 USB data logger for temperature and humidity	0572 1845	XX.XX €
testo 184 G1 USB data logger for shock, humidity and temperature	0572 1846	XX.XX €
testo Saveris 2-T1 WiFi data logger with display and integrated NTC temperature probe	0572 2031	XX.XX €
testo Saveris 2-T2 WiFi data logger with display and 2 connections for NTC temperature probes	0572 2032	XX.XX €
testo Saveris 2-T3 WiFi data logger with display and 2 connections for TC temperature probes	0572 2033	XX.XX €
testo Saveris 2-H1 WiFi data logger with display and integrated temperature and humidity probe	0572 2034	XX.XX €