We measure it. **testo**

Testo Saveris 2

Wi-Fi environmental monitoring system

Data: Any time. Anywhere.

Temperature and humidity monitoring
so simple.

All relevant temperature and humidity measurements are precisely recorded by the Saveris 2 Wi-Fi loggers and transmitted to the testo Cloud by wireless LAN. The measurement values are then securely stored online, and can be called up at any time using a Smartphone, tablet, or any computer with web browser. In case of alarm you will be immediately notified by email or an optional text message when the preset limit values are exceeded.

Plug & Play
No software needs to be installed for testo Saveris 2. All you need is an Internet connection, wireless LAN, and a normal web browser.

Automatic data transfer
The measurements are automatically transmitted to the testo Cloud by wireless LAN.

High data security
Data is securely stored on both the Wi-Fi logger and in the testo Cloud.

Reliable alarms
An email and/or text message immediately notifies users when alarm thresholds have been exceeded.

Flexible data access
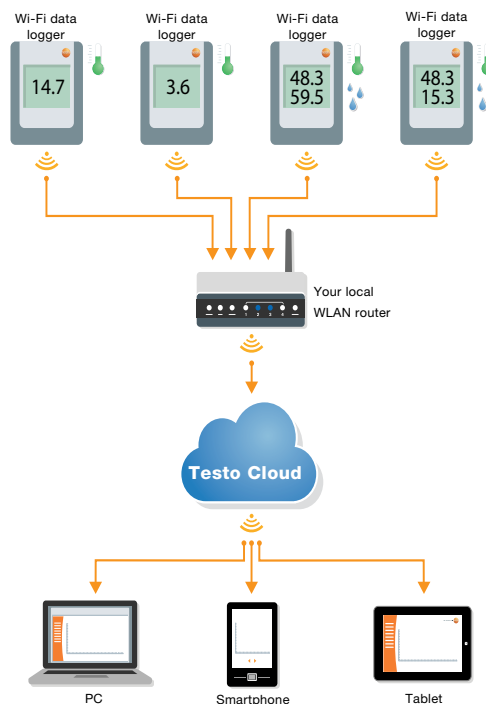You can view and evaluate your data from anywhere in the world using an Internet capable Smartphone, tablet, or PC.

Extensive choice of probes
For many different applications.
Testo offers a wide variety of probe solutions.

Licensing
For licensing feature sets and pricing information please visit:
https://www.testo.com/licensing.

Time Controlled Alarms
Two calendar functions for two different types of alarm ranges give flexibility to alarm controls. Alarms can be set for the afterhours or weekends only, if preferred. The Alarm Delay allows limiting of alarming only to the events that last for a preset period of time.

Saveris 2 applications

Hospitals

Each department can have an easily accessible view of temperature monitored points at the nurse station or lab refrigerators along with detailed PDF reports required in audits. Automated alarms will reach assigned responders by text message or email depending on selected options. Temperature and humidity loggers will monitor ambient air for patient comfort, and dietary services will have a record of required food temperature ranges. Also, testo Saveris 2 enables hospital maintenance to be alerted to temperature changes in hot water supply and return pipes with special pipe clamp sensors.

Pharmacies

As a pharmacist, you deal with medicines and vaccines that have a direct effect on the health of your customers. Excessively high or low temperatures can damage drugs' effectiveness and create financial loss. Saveris 2 with its under and over limit text message and email alerts makes a lot of sense, and daily, weekly, or monthly PDF reports provide very good proof of drug storage conditions.

Museums and Archives

Museums have a vested interest in preserving unique cultural and high value objects from any damage. Many exhibits, whether made of paper, leather, fabrics, or wood and paintings are climate sensitive and often require different environmental settings. Saveris 2 with its discrete internal or external sensors will document and report environmental exhibit or storage conditions. The overview of the monitoring situation is easily accessible from anywhere, and under/over the limit transgressions are immediately reported as text messages or emails to assigned recipients. Saveris 2 .csv files can be imported.
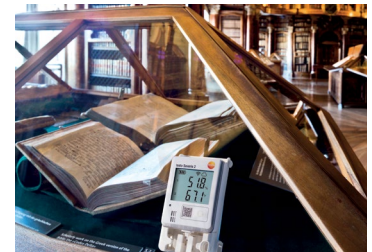
Facilities

Even if you have a Building Management System in your climate software, Saveris 2 gives an additional layer of monitoring for ambient temperature and humidity recording conditions and makes them available as PDF reports. With a variety of Testo manufactured external sensors you can easily monitor steam pipes and traps or hot water supplies and returns. The automated text message or email alerts will help you to act in time to address local issues affecting tenants or the comfort of commerical spaces.

Server Rooms

Both in winter and summer IT administrators battle temperature and humidity effects on server performance. Too low temperature and high humidity will cause dew formation that can short-circuit server boards, and too low humidity can cause static discharges damaging boards as well. Saveris 2 gives a fast Cloud based access to overview of your monitoring points and PDF logs. You will also be alerted by text messages or emails when preset temperature and humidity or dew point limits are reached.
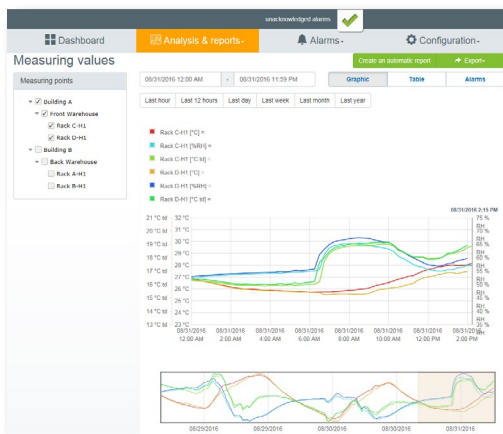
Special Applications

Testo manufactures a large variety of specialized NTC, and Thermocouple probes. Please feel free to contact us at info@testo.com for help with your specific application solutions.
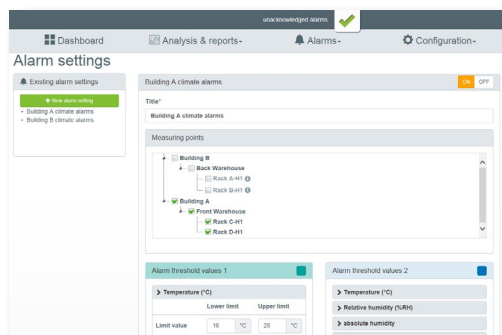
The testo cloud.

The testo Saveris 2 Wi-Fi logger system uses the testo Cloud for the secure storage and analysis of all measurement values. Using your internet connected smartphone, tablet or PC, you can access your monitoring information transmitted to the testo Cloud, anytime and anywhere. You can connect to your Cloud account with any browser present on your Windows, Apple, Android, or Linux OS.

testo Saveris 2 alarm management.

- **Time-controlled alarms:** Alarm points setting can be activated for selected days and time periods. For example, to prevent humidity alarms caused by a museum function involving a large crowd, alarm point settings can be raised for a given date/time period.
- **Alarm delay:** Used to alarm only when the alarm point is crossed for a specific length of time.

The testo Saveris 2 temperature and humidity Wi-Fi loggers.

Precise measurement, wireless transfer, and secure data storage.

Testo Saveris 2 Wi-Fi loggers have integrated sensors for temperature and humidity measurements or can be ordered with external probes fitting a wide range of applications. Saveris 2 Loggers are wireless devices not to be mounted inside metal boxes, cabinets or refrigerators, blocking the Wi-Fi signal. Use an external probe attachment to get readings inside such enclosures.

testo Saveris 2-T1 with integrated temperature

Wi-Fi data logger with temperature sensor, incl. USB cable, wall bracket, lock, batteries and calibration protocol

- Measuring range: -40 to 158°F (-40 to +70°C)
- Internal data memory for 10,000 readings
- Dust-proof and wash down protection to IP65
- EN 12830 compliant

Part no. 0572 2001

testo Saveris 2-H1 with integrated temperature and humidity

Wi-Fi data logger with internal temperature and humidity sensor, incl. USB cable, wall bracket, lock, batteries, and calibration protocol

- Measuring range: -22 to 122°F (-30 to +50°C / 0 to 100 %RH)
- Internal data memory for 2 x10,000 readings
- Protection class IP40

Part no. 0572 2004

testo Saveris 2-T2 with remote temperature probe connections

Wi-Fi data logger with external temperature probe or door contacts inputs, incl. USB cable, wall bracket, lock, batteries, and calibration protocol

- Two thermistor (NTC) probe connections
- Measuring range: -58 to 302°F (-50 to +150°C)
- Internal data memory for 2 x10,000 values
- Dust-proof and wash down protection to IP65
- EN 12830 compliant

Part no. 0572 2002

testo Saveris 2-H2 with remote humidity probe connection

Wi-Fi data logger with external humidity/temperature input, incl. USB cable, wall bracket, lock, batteries, and calibration protocol

- Measuring range: -40 to 158°F (-40 to +70°C)
- Humidity range: -22 to 158°F (-30 to +70°C)
- Internal data memory for 2 x10,000 measurement values
- Dust and splash protection according to IP54

Part no. 0572 2005

testo Saveris 2-T3 with remote thermocouple connections

Wi-Fi data logger with two external TC connections, incl. USB cable, lock, batteries, and calibration protocol

- Two connectable thermocouple probe connections
- Measuring range: -319 to 2,462°F (-195 to +1,350°C) (pending probe selection)
- Internal data memory for 2 x10,000 values
- Dust and splash protection to IP54

Part no. 0572 2003

testo Saveris 2 App

With the App for IOS and Android,operating the wireless LAN data logger system testo Saveris 2 is even easier, with more flexibility

- Easy recognition and selection of the Wifi network
- Faster parallel commissioning of several loggers
- Test the strength and range of your WiFi network
- Create and send status reports
- Push notifications of limit value violations
- Overview of expired alarms

Please note that to use the WiFi data logger system testo Saveris 2, a Wifi data logger, a registration in the Testo Cloud (www.saveris.net), and a wireless LAN-capable network are absolutely necessary.

Technical data

WiFi data loggers	testo Saveris 2-T1	testo Saveris 2-T2	testo Saveris 2-T3			testo Saveris 2-H1	testo Saveris 2-H2
Temperature measurement							
Sensor type	Thermistor (NTC)		TC Type K	TC Type J	TC Type T	Thermistor (NTC)	Measuring range and accuracy depending on probe
Measuring range	-22 to 122 °F (-30 to +50 °C)	-58 to 302 °F (-50 to +150 °C)	-320 to 2,460 °F (-195 to +1350 °C)	-150 to 1,380 °F (-100 to +750 °C)	-325 to 750 °F (-200 to +400 °C)	-22 to 122 °F (-30 to +50 °C)	
Accuracy	±1 °F (±0.5 °C)	±1 °F (±0.5 °C)	±(1 + 0.5 % of m.v.) °F ±(0.5 + 0.5 % of m.v.) °C			±1 °F (±0.5 °C)	
Resolution	0.1°						
Humidity measurement							
Measuring range	–					0 to 100 %RH	Measuring range and accuracy depending on probe
Accuracy	–					±2 %RH	
Resolution	–					0.1 %RH	
Temperature/humidity measurement with external probes							
Connection of external probes	–	External temperature probes	External temperature probes			–	External humidity/ temperature probes

Operating temperature	-22 to 122 °F (-30 to +50 °C)
Storage temperature (incl. batteries)	-40 to 158 °F (-40 to +70 °C)
Protection class	IP65 IP65 IP54 IP30 IP54
Measuring rate	5 sec to 24 hr
Communication interval	1 min to 24 hr
Memory	10,000 measurement values/channel
Norms / permits	EN 12830 EN 12830 –
Battery life	24 months at 77 °F (+25 °C) and 15 mins measurement and communication interval at -22 °F (-30 °C) and 15 mins measurement and communication interval with lithium batteries (0515 0572)
Voltage supply	4 x AA batteries; power unit optional; for temperatures below 14 °F (-10 °C) please use lithium batteries (0515 0572)
Dimensions	3.74 X 2.95 X 1.20 in (95 x 75 x 30.5 mm)
Weight (incl. batteries)	0.53 lb (240 g)
Door contact	no optional no

Ready to go in just a few steps.

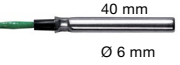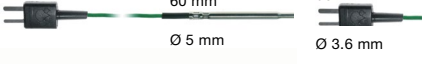Go to: www.saveris.net   Register or log in.   Done!
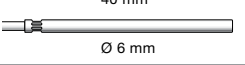
The testo Saveris 2 temperature and humidity probes.

Testo offers a large probe selection to cover a wide variety of applications. Two of the five testo Saveris 2 Wi-Fi data loggers have integrated probes. The other three require one or two external probes from our comprehensive probe selection.

Temperature probes for testo Saveris 2-T2

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t$_{99}$	Part no.
Stub probe, IP 54	35 mm Ø 3 mm	-4 to 158 °F (-20 to +70 °C)	±0.36 °F (-4 to 104 °F) ±0.2 °C (-20 to +40 °C) ±0.72 °F (104.18 to 158 °F) ±0.4 °C (+40.1 to +70 °C)	15 s	0628 7510
Stationary probe with aluminium sleeve, IP 65, Fixed cable 2.4 m	40 mm Ø 6 mm	-22 to 194 °F (-30 to +90 °C)	±0.36 °F (32 to 158 °F) ±0.2 °C (0 to +70 °C) ±0.9 °F (remaining range) ±0.5 °C (remaining range)	190 s	0628 7503
Penetration probe NTC with ribbon cable, cable length 2 m, IP 54, Fixed cable,	60 mm Ø 5 mm 30 mm Ø 3.6 mm	-40 to 257 °F (-40 to +125 °C)	±0.5 % of m.v. (212 to +257 °F) ±0.5 % of m.v. (+100 to +125 °C) ±0.36 °F (-13 to 176 °F) ±0.2 °C (-25 to +80 °C) ±0.72 °F (remaining range) ±0.4 °C (remaining range)	8 s	0572 1001

Temperature probes for testo Saveris 2-T3

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t$_{99}$	Part no.
Stationary probe with stainless steel sleeve, TC Type K	40 mm Ø 6 mm Connection: Fixed cable 1.9 m	-58 to 401 °F (-50 to +205 °C)	Class 2*	20 s	0628 7533
Penetration probe TC with ribbon cable, Type K, cable length 2 m, IP 54	60 mm Ø 5 mm 30 mm Ø 3.6 mm	-58 to 401 °F (-50 to +205 °C)	Class 1	7 s	0572 9001
Magnetic probe, adhesive force approx. 10 N, TC Type K 5.2 feet	75 mm Ø 21 mm Connection: Fixed cable 1.6 m	-58 to 1,386 °F (-50 to +752 °C)	Class 2*		0602 4892
Glycol buffer bottle for medical / pharmacy refrigerator use, 22 ml. Order with flat cable probe 0572 1001 or 0572 9001.		as probe specs	as probe specs		400554 0555

Humidity/temperature probes for testo Saveris 2-H2

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	Part no.
Humidity/temperature probe 12 mm		-4 to 158 °F (-20 to +70 °C) 0 to 100 %RH	±0.54 °F (±0.3 °C) ±2 %RH at +77 °F (2 to 98 %RH) ±2 %RH at +25 °C (2 to 98 %RH) ±0.03 %RH/K ± 1 digit	0572 6172
External humidity / temperature probe 12 mm, plug-in, without cable	16 mm Ø 12 mm	-22 to 122 °F (-30 to +50 °C) 0 to 100 %RH	±0.9 °F ±0.5 °C ±2 %RH (0 to 100%)	0572 2151
Ø 4 mm humidity probe for museum cases, display cabinets Humidity/temperature probe Ø 4 mm, 7 foot cable, mini DIN plug		32 to 104 °F (0 to +40 °C) 0 to 100 %RH	±0.54 °F (±0.3 °C) ±2 %RH (2 to 98%RH)	0572 6174

Find your suitable probes at: www.testo.com

Other Measuring Solutions from Testo

Testo offers a complete line of test and measurement instruments and solutions for temperature, humidity, pressure, velocity, thermal imaging, combustion, and more. Each is backed by the best warranties in the industry, expert technical support, and ISO/ NIST calibration services.

Light Meter

- Sensor adjusted to spectral sensitivity of the human eye
- Hold-function and max./min. values
- Lux / Foot candle

Data Loggers

- With 19 different models, Testo loggers cover many different applications
- Rugged enough to stand up to any environment
- Multiple probe options

Saveris Monitoring / Alarming System

- 2.4 GHz
- Wireless and/or Ethernet communications
- PC, server, or network installations
- Supported with a large selection of probes to handle a multitude of applications

IR Thermometers

- Fast, non-contact measurement of surface temperature
- Available features include laser sighting, adjustable alarms and moisture meters

Subject to change without notice.

h.p / 400

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