

Measurement data monitoring in clinics and hospitals with **testo Saveris.**



In clinics and hospitals, temperature and humidity values have the highest priority. Medicines and blood products, for example, need defined constant temperatures, in order not to spoil. Life support systems, on the other hand, must be protected from too low air humidity, as these can lead to malfunctions. At many sites, ambient values are still recorded manually or semi-automatically. Yet fully automatic systems are no longer a luxury.

The measurement data monitoring system testo Saveris automates the entire measurement procedure. It measures and stores the temperature and humidity values according to the legal stipulations and the quality and safety standards (e.g. EN 12830, HACCP, FDA CFR 21 Part 11), summarizes them into tabular or graphic reports and alarms those responsible for quality as soon as upper or lower limit values are violated.



Monitoring the temperature of medicaments in hospital dispensaries.



Uninterrupted recording of temperature during food service

The challenge.

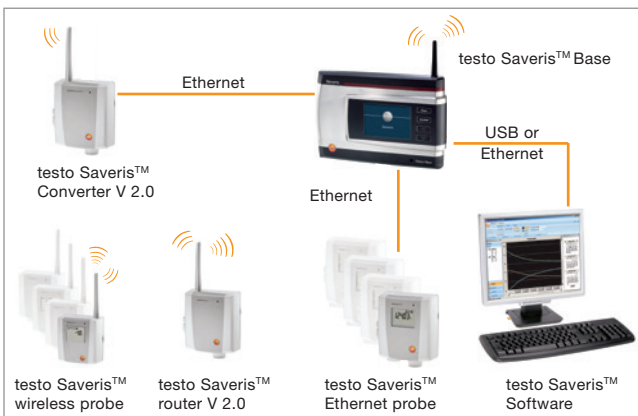
Constant temperature and humidity monitoring is significant in various areas of a hospital.

Typical areas of application are:

- Temperature monitoring in deep-freezers and refrigerators for medicaments, vaccines, laboratory samples, blood products or tissue samples;
- Temperature and humidity monitoring in waiting rooms, operating theatres, intensive care units, post-anaesthesia care units, cleanrooms etc.;
- Temperature monitoring in kitchens (refrigerators/ deep-freezers) as well as in food transport;
- Monitoring of water temperatures, e.g. in order to avoid legionella growth;
- Temperature and humidity monitoring outside hospitals, e.g. during the transport of foods, medicaments, blood products etc.

The solution.

Among the advantages of the measurement data monitoring system testo Saveris are the automated monitoring of measurement parameters such as temperature and air humidity, the different alarm options (SMS, e-mail, LED), as well as the possibility of recording and centrally documenting measurement data over large distances. Daily, weekly and monthly reports in PDF format provide those responsible with a fast overview of extreme values, mean values and the number of measurement values etc. The broad selection of probes covers a temperature range from -200 °C to over + 1000 °C. testo Saveris is easy to install and operate. Ambient values and battery status can be read from the display in the probe at any time. At a measurement rate of 15 minutes, the batteries have a life of roughly three years. The probes are calibrated ex-works, as confirmed by a calibration report. The testo Saveris base station offers connection possibilities for up to 150 probes, provides alarms by LED or SMS, and has an emergency rechargeable battery. It can store up to 40,000 measurement values, corresponding to a storage capacity of approximately one year (measurement rate: 15 minutes). The Saveris software is available in three different versions. The CFR version fulfils the requirements of the FDA 21 CFR Part 11 and is thus validatable.



The measurement data monitoring system testo Saveris with its components

More information.

More information and answers to all your questions concerning measurement data monitoring with testo Saveris at www.testo.com.