

Protecting the vaccine supply and storage in pharmacy & healthcare with **testo Saveris 2**.



In pharmacy and healthcare settings, the security of the vaccine supply is critical for ensuring vaccine effectiveness and minimizing product risk. The vaccine supply is the number one priority for sites storing and handling temperature sensitive products. Immunization sites play a particularly critical role in the wellbeing of their communities. Nationwide local immunization programs are working to stop the spread of vaccine-preventable diseases by providing vaccines, educating healthcare professionals, medical providers and the public on the importance of vaccinations; and ensuring that all are adequately immunized against diseases that are harmful and sometimes deadly.

Guidance and regulatory documents exist in order to ensure the highest level of protection for temperature sensitive products. This includes products stored in hospitals, healthcare facilities, laboratories, and clinics. By following the current CDC Vaccine Storage and Handling Toolkit, pharmacies and healthcare facilities can ensure they are following guidelines which not only require that certain temperature limit values be adhered to, but also that the temperatures be logged and documented. For many sites, this presents the question of a workable and simple system which makes the data logging reliable, effortless, and proactive. Testo's cloud based Wi-Fi data logger system allows for continuous monitoring with minimum effort.



The Wi-Fi data loggers in the drugs refrigerator immediately provide the staff with an alarm when upper or lower limit values are exceeded.

The challenge.

Proper vaccine storage and handling are important factors in minimizing errors which result in a need for re-vaccination of many patients and significant financial loss due to wasted vaccines. One main issue identified with poor vaccine storage and handling results from failure to store and handle vaccines properly. Drugs are stored at different locations in a pharmacy or healthcare facility, each subject to its own temperature regulations. For example, the influenza vaccine must be kept in a refrigerator at 35° to 46°F (2 to 8°C). The influenza vaccine should never be exposed to freezing temperatures. These requirements call for time consuming logging and documentation of temperatures every hour. Paper based logs can be labor intensive and don't provide real-time insight at night and during weekends.

The solution.

The Wi-Fi data logger system testo Saveris 2 ensures secure temperature monitoring in a pharmacy or healthcare facility. The Saveris 2 data loggers help to guarantee – and in cases of audits prove – the correct storage of drugs. With the saveris 2 web based portal all measurement data are automatically saved and can be quickly generated into a report with a few simple clicks. The wireless Wi-Fi data loggers store data to the Cloud, and can be accessed and evaluated at any time and from anywhere by Smartphone, PC or tablet. If an upper or lower temperature limit value is violated, an alarm by e-mail or SMS is sent out allowing users to take counter-measures before drugs are damaged. Automated daily temperature reports can be sent via email, ensuring you always have your documentation in order before the start of each day.



The legally prescribed ambient temperatures are also permanently monitored in the sales room.

The advantages at a glance:

- Easy handling: once the system is installed, it runs by itself
- Log data even in the event of a power outage
- Simple 4 step guide to connecting data loggers to the Wi-Fi
- Automatic documentation of the data in the Testo Cloud
- Durable, battery operated data loggers that can handle freezer temperatures
- High level of security thanks to alarming functions

“Testo Saveris temperature monitoring system is a great tool which is helping us to monitor the storage conditions (temperatures, humidity) of our may important pharmaceutical samples. It is one simple to use but powerful system that monitors all our freezers, refrigerators, storage rooms and stability chambers which are in different physical sites.”

Ying Chen
Research Scientist at Wilmington Pharma Tech

“It is important to keep our devices at the right temperature and humidity. The Saveris 2 data loggers work well for our needs and I can access the readings even when I am working from home due to the corona virus pandemic.”

Sue Thomas
Quality and Regulatory Manager at Pajunk Medical Systems

More information.

More information on the Wi-Fi data logger system testo Saveris 2, and answers to all your questions concerning temperature and humidity monitoring, from our experts at www.testo.com.