

## Secure monitoring and documentation of temperatures in a pharmacy – with **testo Saveris 2**.



In a pharmacy, the security of the stored and sold drugs is the top priority. Every pharmacist is responsible for the safe storage of medicaments he sells. For example, the 'Rules Governing the Operation of Pharmacies' (Apothekenbetriebsordnung ApBetrO) and the new EU-GDP Guidelines not only require that certain temperature limit values are adhered to, but also that the temperature curve is documented. For many pharmacies, this presents the question of a workable and simple system which takes over this effort.

### **Apotheke an der Mathildenhöhe**

The Apotheke an der Mathildenhöhe pharmacy has been a permanent fixture in Darmstadt since 1979. In 1999, pharmacist Alexander Jaksche took over the management, developing the pharmacy into a dynamic and customer-friendly company, true to his motto "as much service as possible". The Mathildenhöhe pharmacy's team place special value on personal consultation service, ensuring its quality in numerous further training seminars. The Apotheke an der Mathildenhöhe has furthermore made a name for itself in the field of veterinary health.





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

**The challenge.**

Drugs are stored at different locations in a pharmacy, each subject to its own temperature regulations. For example, according to ApBetrO, a temperature of 4-8 °C is prescribed for a drugs refrigerator, whereas the temperature in the normal sales room, in drugs drawers and in the delivery bay may not exceed 25 °C. At the Apotheke an der Mathildenhöhe pharmacy, there is an additional refrigerated room for drugs which must be stored under 20 °C. The monitoring and documentation of the temperature curve is prescribed at all these locations. Up to now, regular visual checks and time-consuming manual readout of the loggers was necessary. The monitoring authority additionally recommends that a warning mechanism is installed, which ensures that temperature deviations are also registered at night and over the weekend.

**The solution.**

The WiFi data logger system testo Saveris 2 ensures secure temperature monitoring in a pharmacy, helping to guarantee – and in cases of audits prove – the correct storage of drugs. The Apotheke an der Mathildenhöhe pharmacy decided to procure five WiFi data loggers, which automatically monitor the temperature at the different refrigerated locations in the pharmacy. The measurement data are automatically saved in be wireless LAN to the Testo 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, Alexander Jaksche is sent an alarm by e-mail or SMS, and can take counter-measures before drugs are damaged. For Alexander Jaksche, testo Saveris 2 "has made life a whole lot easier". Previously he had to remove the loggers from the refrigerator, read them out via a computer, and print out the result. "Right away, those are three steps which are no



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

longer necessary. All I have to do now is log on, and I can evaluate everything, and see it immediately, more or less at the touch of a button", says Jaksche.

**The advantages at a glance:**

- Easy handling: once the system is installed, it runs by itself
- Automatic documentation of the data in the Testo Cloud
- Individual adjustment of the temperature limit values, notification intervals etc. in the various loggers
- High level of security thanks to alarm function

“We have committed to the safety of our medicaments. The final customer should be aware that in our pharmacy, we deliver one hundred percent quality. We do all we can to ensure that the drugs are treated carefully and correctly. The testo Saveris 2 system offers us the possibility of doing this without too much effort. I would recommend the system unreservedly to my colleagues.”

Alexander Jaksche,  
Pharmacist and proprietor of the Apotheke an der Mathildenhöhe

**More information.**

More information on the WiFi data logger system testo Saveris 2, and answers to all your questions concerning temperature and humidity monitoring, from our experts at [www.testo.com](http://www.testo.com).