

Data Logger at Chemist's / Drugstores

With the growing variety of various goods for consumption, such as foodstuffs or various pills, vaccines and medications the problem of how to store them correctly becomes more and more topical. Nowadays at the chemist's it is possible to find any pills, but what is important – they must really help and correspond to the needs of the customer.

Correct storage is one of the most important conditions which cannot be ignored by the owners and workers of the drugstores. Since the goods have been delivered, it is the task of the staff to provide the necessary environment, maintain the necessary temperature and humidity level so that the medicines did not lose their efficiency before the expiry date.

Data logger is a device offering a solution of this problem. A small, not complicated device is capable of controlling the microclimate inside the storerooms and fridges non-stop. The device can be mounted inside the room or fridge, the frequency with which the measurements should be taken is set by the user and the process can be started. Since many of the data loggers models can work autonomously, without the connection to the mains, there is no risk that the measurements will be interrupted or inaccurate in case of power supply



break. Memory capacity is large enough for storing the data for a while.

All the data can be read easily on the computer, as there is a possibility of data transfer from the data logger to the PC. The result which the drugstore workers can get using data logger in their storerooms is: how stable the temperature and humidity levels are; how often the data fluctuates and either it goes above or below the preset limit values.

Data loggers makes the monitoring of the microclimate possible during a certain time period without interruptions and what is very important, it reduces the risk of errors which happen as a result of a human carelessness or lack of attention. All the data is shown on the screen and later can be seen on a graph or as a text document.

The results are evident: application of data logger is a big help for the owner of the drugstore, it gives an indication when the situation is going beyond the permissible level (too low or too high temperatures, change of humidity level etc), it definitely improves the image of the drugstore if all the preparations and medicines are in a perfect condition, if included in the system remotely helps to monitor a few fridges, for example, by collecting the data from different loggers, which helps to carry out the control over the whole (or a few) storerooms.

For those who do not need to monitor big areas, there is a very convenient version, reminding a USB stick. To operate it is not much more difficult than a regular stick.

An ultra small size, possibility of application is tiny spaces, large memory capacity, rechargeable battery, non-toxic material used for the housing – these are the advantages which can be related to this data logger making it perfect from drugstores, pharmaceutical warehouses, laboratories etc.



The last but not the least – data logger helps you to work in compliance with all the existing norms and regulations.

Internationally known term GMP, good manufacturing practice, is known to everyone who

deals with the medicines. It is not the only existing standard, but it is the basic one, compliance with which is “a must”.

The aim of the regular inspections and controls conducted by this and similar programs is to check how well the conditions are maintained by the producer or distributor of various medical preparations, either all the

authorized permits and licenses are available, either the high quality is guaranteed without exceptions etc. and etc.

Application of data logger is a pledge of long-term successful work which definitely pays off quickly.