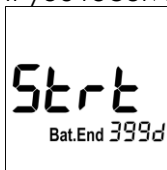


How to use the LIBERO PDF Logger® for temperature monitoring in the medicinal refrigerator?



Start the LIBERO temperature monitor:

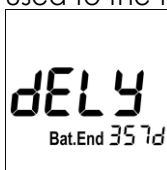
1. If you receive your temperature monitor, the LIBERO display looks as follows:



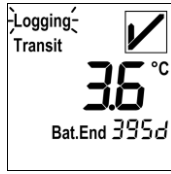
2. Press the «Transit» key for about 2 seconds to start LIBERO and to mark the start of the logging section.



The display changes to «Dely» and a start delay time begins to run. This allows LIBERO to get used to the temperatures in the refrigerator before logging starts.



3. Put LIBERO into the refrigerator. Temperature monitoring automatically starts as soon as the start delay has elapsed. The status changes to «Transit» and the display looks as follows:



Read out the LIBERO temperature monitor:

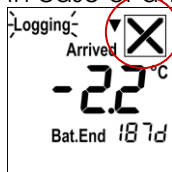
1. Take LIBERO out of the refrigerator and press the «ARRIVED» key for about 2 seconds in order to mark the end of the logging section.



2. Status changes from «TRANSIT» to «ARRIVED». The display looks, depending on alarm status, as follows:

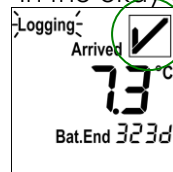
ALARM

In case of an alarm, a cross is shown:

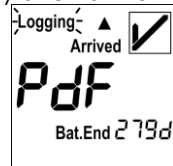
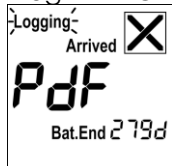


NO ALARM (OK)

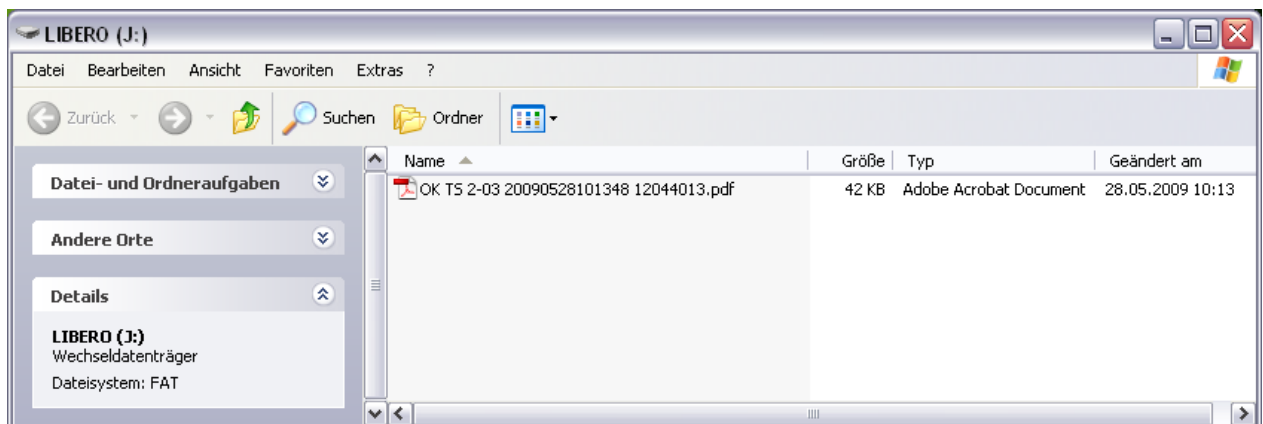
In the okay case, a tick mark is shown:



3. Plug LIBERO in the USB port of your PC. The display shows «Pdf» and the yellow LED is blinking:



4. Within few seconds, the evaluation report (PDF/A file) will automatically be generated and presented in the Explorer. In case the «auto start» functionality is not activated on your PC, go to «desktop» and open the respective «drive» by double clicking it.



- Open the PDF file and read the instructions under «Additional Information»:

Libero PDF Report No 18825695 (OK Pharmacy fridge_ 20090416173304 10019044.pdf)



OK

Medicinal refrigerator at Pharmacy XYZ

Additional Information

Sample for temperature monitoring in a medicinal refrigerator

Put LIBERO in the middle of the fridge, well visible, non-disturbing.

Read out Logger in the 1st week of a month: create, print and save the PDF.

The last 33 days are visible on the graph (monthly document).

In case of an alarm, a [X] is shown, press the "Arrived" key for 2 seconds.

The status changes to "Arrived", create PDF and press "Transit" key for 2 secs.

The alarm [X] disappears. Put Logger back into fridge.

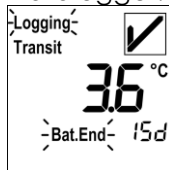
- Use Acrobat®Reader® to open the LIBERO PDF file.
 - Save the file by using Windows Explorer (just drag the PDF file from the drive to the defined folder on the server (M\xxx\xxx).
 - **Never use the Adobe®Acrobat® application program to save the PDF file otherwise the hidden raw data block will be destroyed!**
- Send the PDF evaluation report by right clicking the file and choosing «send to» the following e-mail address: **x.y@z.com**
 - Press TRANSIT button to start next monitoring section.



- In case you need any additional support, please contact:
Mr. X

For LIBERO Ti1 / Ti1-L / Te1-N:

- As soon as the battery end information «Bat.End» is blinking and indicating 15 days, order a new Datalogger.



At zero (0) remaining days, LIBERO still monitors for another 20 days. Then, the display ceases and the PDF Logger® turns itself off. By means of the LIBERO Configuration Utility, it is nevertheless possible to generate a PDF evaluation report from a turned-off device (choose «Device» «PDF of turned off device») in order to protocol the last 16'000 measuring values.

For all LIBERO types:

- Appropriate disposal of disused Dataloggers

This product has to be disposed of according to the WEEE guidelines (Waste Electrical and Electronic Equipment, 2002/96/EC). A disused device must not be put into the common waste bin:



A Datalogger has to be handled as electronic waste similar to a disused computer.



The devices can also be sent back to: Elpro-Buchs AG, Langäulistrasse 62, CH-9470 Buchs SG, Switzerland.