eCelsius Performance

TELEMETRIC SYSTEM FOR CONTINUOUS GASTROINTESTINAL TEMPERATURE MONITORING

QUICK START GUIDE

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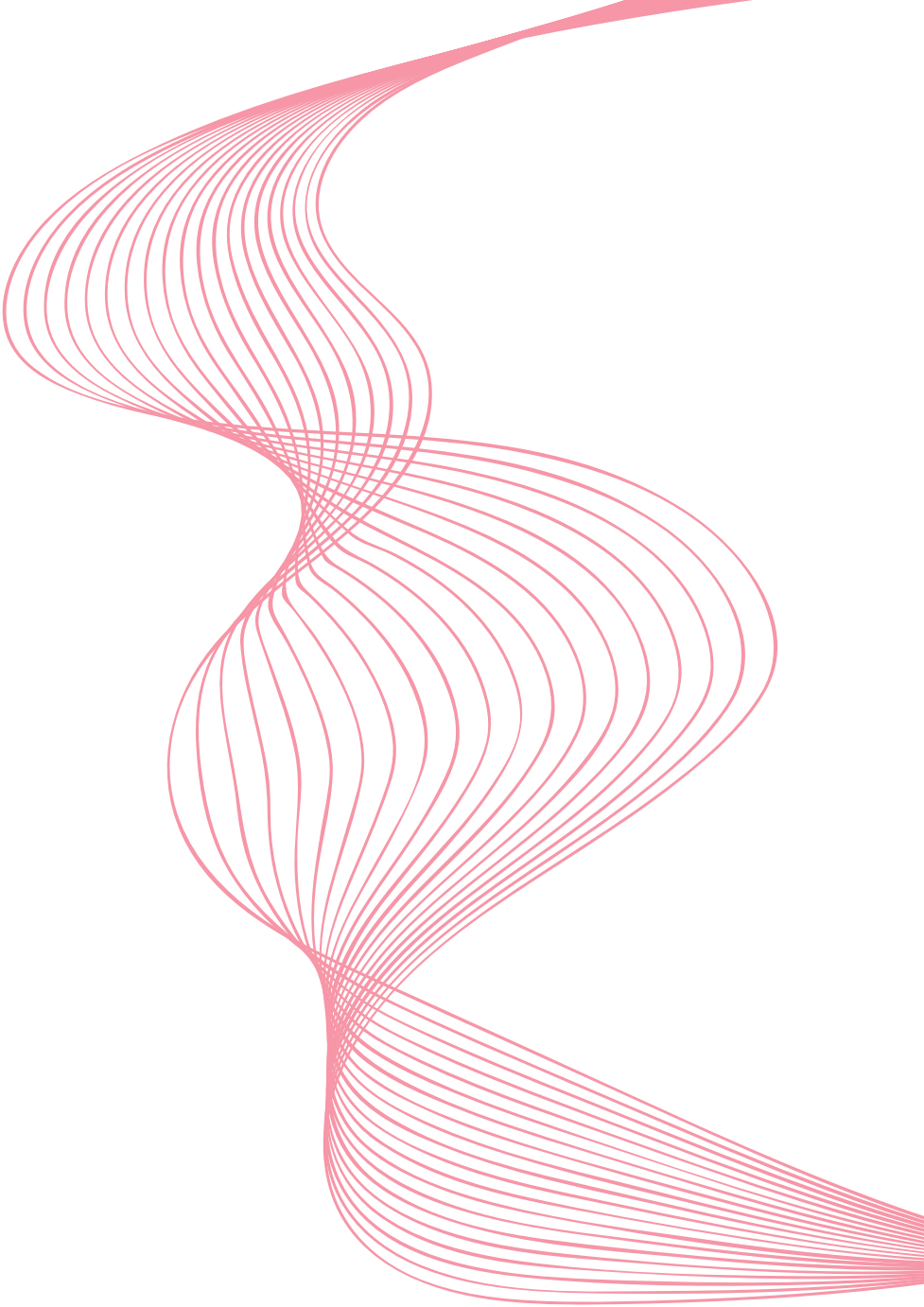


Dear customers,

thank you for purchasing the e-Celsius Performance system.

This quick start guide is designed to introduce you to the basic functions of the system.

Hereby you will find some recommendations related to its first use.

BodyCAP
Your e-health partner

This document does not replace the user manual.
For an optimal use of the device, we recommend that you take note of all instructions in the user manual.

The *e-CELSIUS® Performance* system is not claimed MRI compatible, it is imperative that the subject ingesting a pill does not undergo any MRI.

The subject must wear the wrist band supplied with the system showing that he is wearing an electronic device non compatible with the exposure to a strong magnetic field .

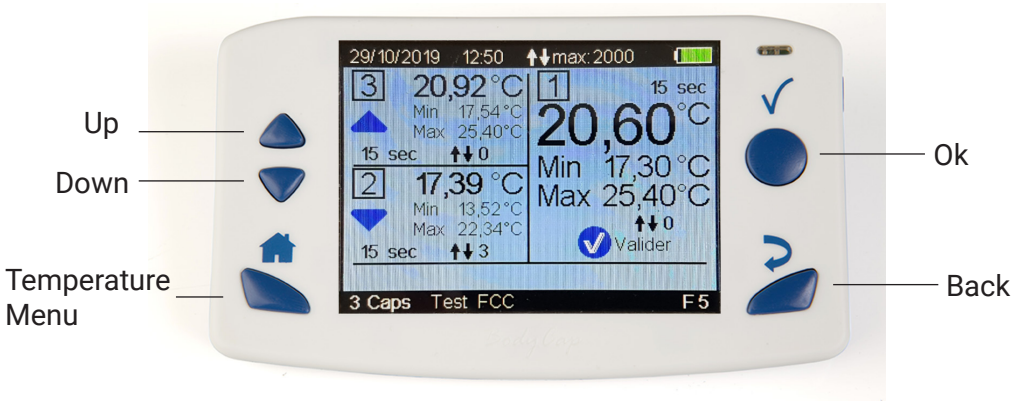
The wrist band is fixed just before the ingestion and must only be removed after the last pill ejection.

The User Guide is available as a PDF version (Adobe Reader needed) on the USB memory stick provided with the system.

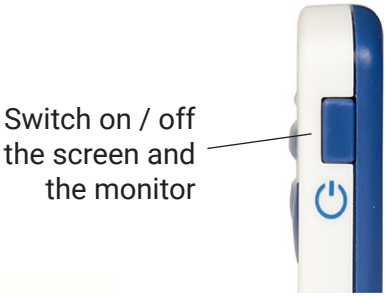
BodyCap may provide the user manual in paper format within 7 days if necessary.

SYSTEM COMPONENTS

e-Viewer® Performance monitor



Collect, record and read temperature data from e-Celsius® Performance capsules.



eCelsius pill
Performance

When awaken by Activator, it collects and sends data to e-Viewer® Performance monitor.

Activator

Allows to start e-Celsius Performance pills

BodyCap USB memory stick

The user guide and installer of ePerformance Manager software are included on the USB stick.

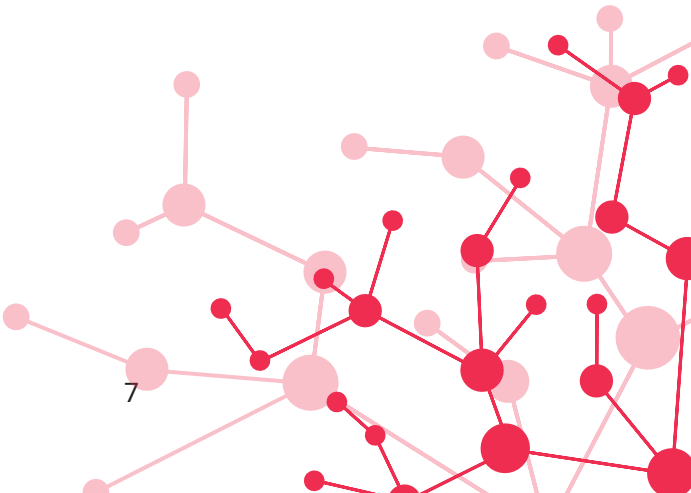
USB adapter and 2 micro USB / USB cables

Allows to supply Activator or e-Viewer® Performance monitor and allows the connection to ePerformance Manager software through the USB port.

The power supply module is provided as an option.

First Use

Basic Instructions



These instructions will allow you to boot your system.
To be aware of all the features, please refer to the user manual included on the USB memory stick.
Before the first use of your system, you have to perform a set of operations.

1. ePERFORMANCE MANAGER SOFTWARE INSTALLATION

You must install your HMI before using your system.

It is the essential tool to set your monitor e-Viewer® Performance.
To install the ePerformance Manager software, please run **e- Performance_ Manager_X.X.X.X.exe** or **MAC-e-Perf Manager_X.X.X.X.exe** and *Mac driver* files stored on the USB stick supplied with the system.

Minimum System Requirements :

- Processor 1GHz

- 500 Mo of disk space

- Windows 7® or higher Microsoft® operating system (32 or 64 bits)/ Mac OS X (10.9 Lion) or higher

- 1024x768 for screen resolution

2. MATERIAL

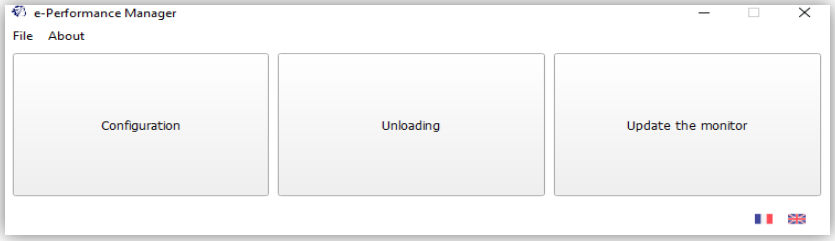
- PC or Mac including the ePerformance Manager software
- e-Viewer® Performance Monitor provided with protection pouch and USB cable
- e-Celsius® Performance pill
- Activator provided with USB cable and ferrite
- Power supply adapter (in option)

3. SET UP

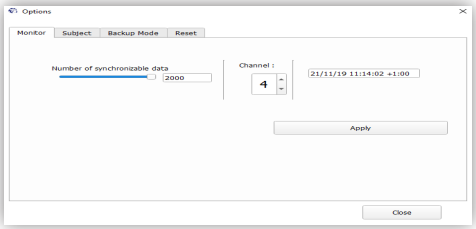
Follow the subsequent procedure before swallowing the pill:

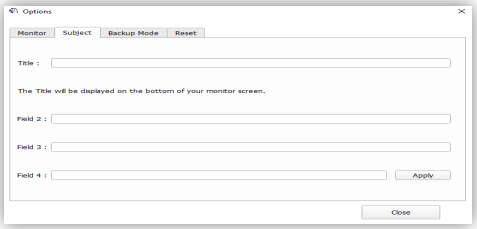
- To switch on the monitor, complete a long pressure on the button .
- Connect the monitor to a power supply source if needed.
- Connect the monitor to a PC using the USB cable provided and run the *ePerformance Manager* software.

Select **Configuration** item :



Set up the monitor :





Monitor tab:
Configure the communication channel and synchronization settings.

Subjet tab:
Fill in the identification fields of the monitor according to the desired criterion.

- Shutdown the software and unplug the monitor.
- Connect the activator to a power supply.
- On the Monitor, Select the Menu **"Pill"** and select **"Pill Activation".**
- The monitor will guide you, step by step until the association of the pill to the monitor. It is recommanded to rotate the pill into the hole of the activator after pushing the activator button.
- Note the ID of the pill, and the monitor channel displayed on the monitor screen (May be useful for Backup mode).
- The pill is now associated with the monitor and can be swallowed after positionning the bracelet.

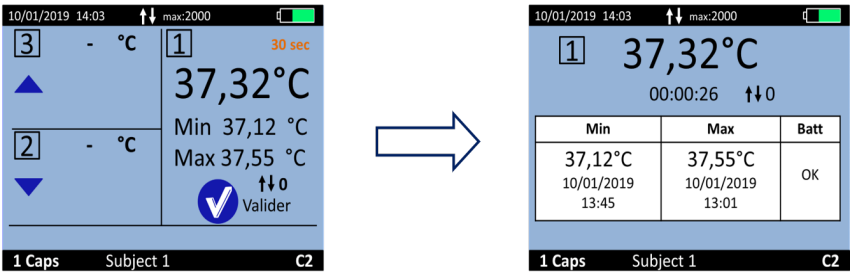
4. DATA COLLECTION

The monitor collects the data from the associated pills.

During a measurement cycle :

It is possible to follow the temperature data in real time if the capsule is in the communication area (about 1m).

- For this, press the button .
- When pressing the button **OK** on the main screen displaying the data of the 3 pills, the detailed information of the selected capsule will be displayed.



It is possible to add Markers by selecting the menu **"Marker"** in the **"Main Menu"** of the monitor. Those markers are used to identify an important moment and are plotted on the graph of the *ePerformance* Manager and in the .CSV file after export.

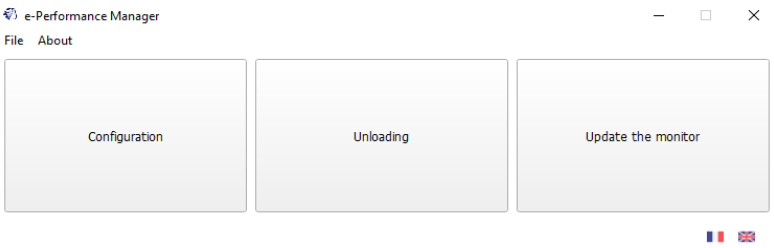
An automatical synchronization of the data is possible between the monitor and the associated pill if the data are not received in real time.

More information are provided in the file e-Celsius® Performance training session.

5. VISUALIZATION OF THE DATA AFTER A MEASUREMENT CYCLE

- Plug the monitor to the PC/Mac and select **Unloading**. The curve displayed is not saved by the application.
- You have to Export the curve as a PDF or the data as a CSV file and save it on your PC/Mac disk.

As you want you can visualize the data curves during a measurement cycle.



6. SWITCH OFF THE SYSTEM

- Visualize the curve via *ePerformance Manager* software and export the data in .CSV file to save them.
- Deactivation of the capsules has to be done using menu **"Pill"** and then **"Pill Status / Deactivation"**.
- Select the capsule concerned.

This procedure switch off the capsule if this one is in the communication area. To be able to activate a new pill on the same slot, the data have to be unloaded after deactivation of the pill.

To switch off the monitor, complete a long pressure on the button Monitor switch off is only possible with no pills associated.

7. CHECK-LIST BEFORE INGESTION

Monitor:

- Battery level
- Monitor Time and Date
- Available Channel (1 monitor per Channel)
- Number of data to synchronize

Pill:

- Single Use
- Activated and associated to a monitor
- ID number identified
- Information bracelet

If you have any question
and you did not found the answers in the user manual,
please request assistance from BodyCap :

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