

Instructions for installing a new controller configuration

For KB PRO, KBF/KBF-UL, KBF PRO (E7)

BINDER GmbH

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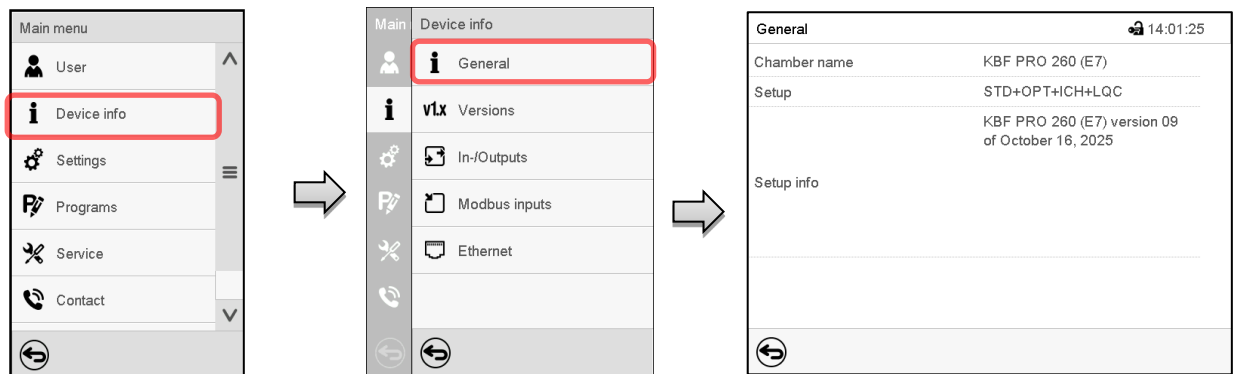
Dear customer,

To upload the new controller data set (configuration) to the chamber controller MB2, proceed as described below.

Note: Installing the new configuration will delete the chart recorder data of the MB2 controller.

1. Reading the chamber name and setup on the MB2 controller

Path: **Main menu > Device info > General**



The "General" window shows the chamber name and setup version (example).

2. Download the controller data set from the BINDER website and save it on a USB stick

2.1 Have a USB stick ready

- Have an empty USB stick ready for transfer to the chamber controller.



The USB stick must be formatted with FAT32 and have at least 8GB of memory.

Note: If you want to back up any programs you have already created before the update, you will need an additional USB stick. The procedure for doing this is described in the operating manual of the cooling incubator / constant climate chamber.

2.2 Selection of the correct version from the BINDER website

- Go to the BINDER website <https://www.BINDER-world.com>.
- Select *Service - Download-Center - Products - Controller data sets*.
- Select your suitable chamber model according to the chamber name read on the MB2 controller
- Select the controller data set that matches your accessories. Please take into account the presence of the correct setup designation (e.g. STD-OPT-ICH-LQC) and the equipment of your chamber, e.g. the "Flexible Pt 100 temperature sensor" option for object temperature display/control.

Example:

Controller data set for KBF PRO 260 (E7)

Model KBF PRO 260 (E7) without object temperature sensor option (STD+OPT+ICH+CO2)

- Download the selected controller data set. This is a ZIP file.
- Unzip the ZIP file and copy the included file "KONFIG337.SET" to the empty USB stick. This file must not be located in a subfolder, but must be accessible on the top level of the USB stick.

3. Uploading the configuration to the controller

3.1 If necessary, log on to the chamber controller with “Admin” authorization level (or higher level)

To upload the configuration, at least an “Admin” authorization is required. If you are logged in with “User” authorization level, you need to change to “Admin” authorization level.

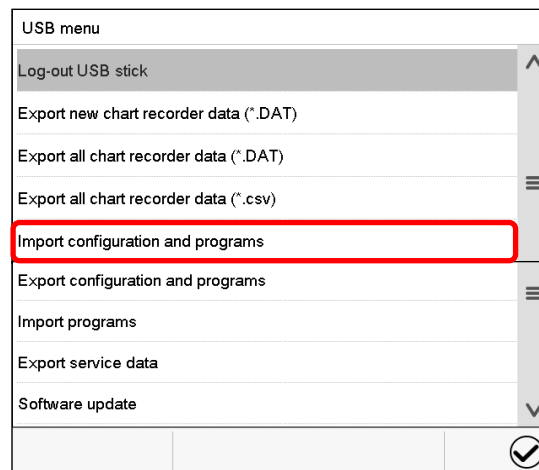
Logging in with a different authorization on the chamber controller is described in the chapter „User change“ in the operating manual of the cooling incubator / constant climate chamber.

- If necessary, perform the login.

3.2 Insert the USB stick into the chamber controller

The USB interface is located in the triangular instrument panel (chamber sizes 130, 260) or in the adjustable control terminal (chamber sizes 470, 720, 1060, 1600).

- Insert the USB-stick with the new controller data set into the USB interface of the chamber controller. The “USB” menu opens.



USB menu, available functions with “Admin” authorization level

3.3 Uploading the configuration to the chamber controller

- In the USB menu, select the function “**Import configuration and programs**” and press the **Confirm** icon. Confirm the subsequent query with the **Confirm** icon.
- The controller data set is transferred from the USB stick to the chamber controller. The controller will then restart.
- Select the convenient language, time zone etc. as described in the chapter “Controller settings upon start up” in the operating manual of the cooling incubator / constant climate chamber.
- The “USB” menu opens again.

4. Removing the USB stick

- In the USB menu, select the “**Log-out USB stick**” function and press the **Confirm** icon. Confirm the subsequent query with the **Confirm** icon.
- You can now remove the USB stick from the interface.