

# Software and method update Spectroquant® Prove

The software and method update is used to continuously update your Spectroquant® Prove photometer. The current software version and the relevant operating manual are available on the Internet. We recommend installing the latest update which is available on:  
<https://www.sigmaldrich.com/services/product-services/maintenance-and-service-plans/spectroquant-photometer-services>.

**NOTE:** Only members of the user group “Administrator” may carry out any software and method updates. A software and method update does not change any user-defined data (e.g. settings, user-defined methods or measurement data).

The update comprises:

- the newest firmware.
- new or changed method data.


The update is transferred to the spectrophotometer by using a USB mass storage device for temporary storage.


## How to perform the Firmware and method update

1. Download the update zip file from the website to a USB mass storage device.
2. Unpack the contents of the downloaded zip file with the entire folder structure in the main directory (top level) of the USB memory stick.

make sure the folder structure of the update file is retained during the unpacking process. The top folder should be named “PROVE”; the second level should be named “Update”

Note: For Update 2.0.1 two Update files are needed:

 Prove\_2\_0\_1.up2

 Prove\_2\_0\_1.upd

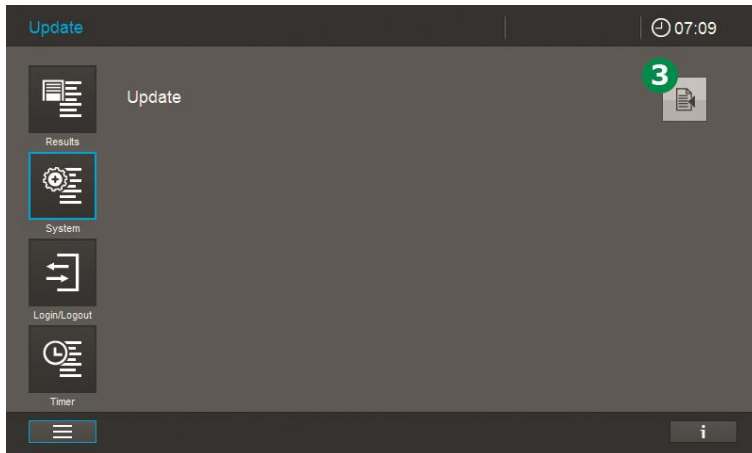
3. Switch on the photometer.
4. Connect the USB mass storage device to the photometer.
5. Select “System” (1).
6. Tap on the “Update” button (2).



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7. Tap on the “Import” button (3) to start the search for update files on USB mass storage device. This will take some time (approx. 1 minute).



8. You will be asked if you want to install the update version on the Prove. Confirm with “OK”.
9. The update process is started. The device may reboot several times by itself during the update process.

**DO NOT POWER OFF DEVICE!**

10. The instrument then shuts down and reboots. The boot screen appears in the display. Depending on the data volume, this procedure may take several minutes.

**DO NOT POWER OFF DEVICE!**



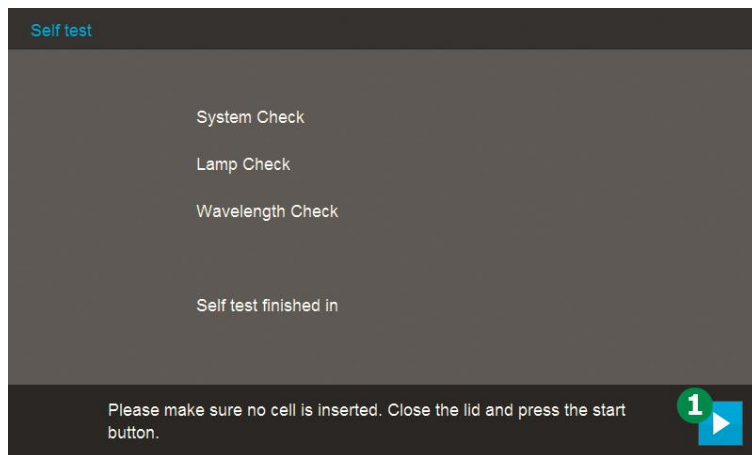
**System booting, please wait...**

**DO NOT POWER OFF DEVICE!**

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11. After successful booting the system will show the "self test" screen (1).



12. Depending on the production date of your instrument and the current software version, you may receive an error message (MSC error).
13. Confirm by selecting "OK" and then power off the instrument using the power button. A popup screen with the text "system shutdown" will appear. After that, wait for approximately 30 seconds and then disconnect the power cable from the instrument. (This step is necessary as the instrument is not able to shut down on its own without an MCS connection.)
14. Afterward, plug in the cable again and start the instrument by pressing the ON/OFF button. The instrument should now boot without an error, indicating that the software update has been installed successfully.
15. For further confirmation of a successful update process, you can navigate to "system" > "information" and check if the Update Version is displayed as "2.0.1".
16. If the import was unsuccessful, a corresponding message appears. Please check the folder structure on the USB mass storage device and try again.