

Requirements:

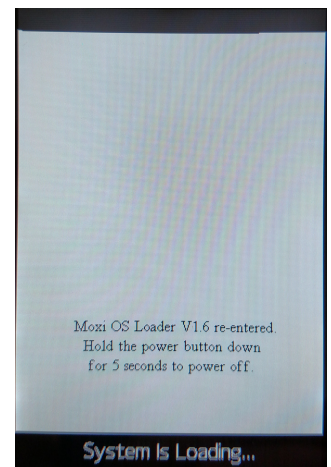
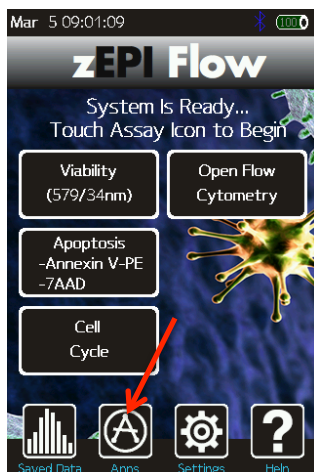
These instructions apply to updating the Zepi Flow OS/Firmware (to version 1.17) using a computer with a USB port (any OS). Please contact Orflo Technical Support (Tech_support@orflo.com, 855-879-6694) for any technical inquiries assistance.

Notable Improvements (from OS/Firmware version V1.15):

- Disallows files names starting with a "." to prevent files from being hidden by Unix
- Check for unsaved files prior to powering off
- Improved checking for file naming errors (i.e. bad path, existing file)
- Improved fluid metering precision
- PMT resolution changed from 17 to 18 bits
- Improved vacuum
- Smaller variance in the applied vacuum level for slightly improved test fidelity/consistency
- Misc. Bug fixes
- Misc. Features for enhancement of system production

Upgrade Instructions:

1. Download the "Zepi_Flow_Firmware_v1.17.zip" file from your email.
2. Unzip the files on the computer to be used for updating your flow. The files included in this update are:
 - i. kernelrom.cof
 - ii. MANIFEST.TXT
 - iii. MOXIPROG.HEX
3. Place unit into "Firmware Update" ("Moxi OS Loader") mode by selecting "Apps" from the Home Screen and then selecting the "Loader" App (see images below)



4. The Zepi Screen will change to a white background with the "System is Loading..." text (image above/right).
5. Plug the Zepi Flow into your computer (Mac or PC) using the provided USB cable.
6. The Zepi Flow will appear as an external drive on the computer (look for it in the Windows Explorer as "External Disk"). Drag all the extracted files (not the folder,

Zepi Flow OS/Firmware Update Instructions (v1.17)

copy all the files at once: kernelrom.cof, MANIFEST.TXT, and MOXIPROG.HEX) onto this drive (or copy and paste them) onto the newly mounted Zepi Flow drive.

7. **WAIT FOR ALL FILES TO FINISH COPYING BEFORE PROCEEDING (do not touch the Zepi Flow screen).**
8. Safe-eject the Zepi Flow external drive from your computer.
9. The Zepi Flow screen will have changed to the “USB File Transfer” screen. Touch the “OK” button to start (see image to the right). The unit will begin updating each file onto the system and will automatically shut off upon completion. DO NOT attempt to turn off the system prior to completion. If you have any issues, please contact Orflo Technical Support at Tech_support@orflo.com or via phone at 855-879-6694.
10. At this point, the new firmware should be properly installed. Touch the “Help” Icon and press “Next” three times to confirm the OS version (see image below). Refer to <http://www.orflo.com/downloads.html> for the updated system user manual.

