

Notification: Revolution Plus™ Instrument - Firmware “Kit Mode” Update *version 1.0.2*



A firmware update is now available for your nRichDX Revolution Plus™ Instrument(s). To ensure optimal performance of your instrument(s) and Revolution Kits, please follow the instructions below to install the firmware update. Firmware updates occur periodically when protocol improvements are available or other updates to the firmware are necessary.

The Revolution Plus instrument (PN 2000-PLUS) is part of the nRichDX Revolution Sample Prep System for the extraction of cfDNA, cfRNA, and CTCs from biological samples.

There are two ways to install the update on your Revolution Plus Instrument(s):

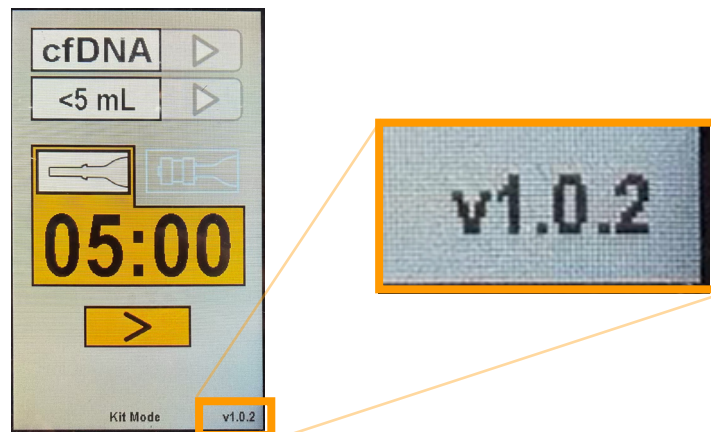
1. Use the USB flash drive mailed to you (recommended)

- Power off the Revolution Plus instrument
- Insert the Revolution Plus firmware update USB labeled “1.0.2” in the USB port located on the back of the instrument and follow the instructions on the instrument’s touch screen
- Power off the instrument, remove the USB drive, and power back on the Revolution Plus

2. Download the firmware update from the nRichDX website

- Direct your browser to <https://www.nrichdx.com/products-4>
- Click the link with the latest Revolution Plus firmware under the “Resources” section and download the .zip file to your computer, open the folder labeled “Kit Mode” and save the three files to an empty memory stick and follow the instructions above or on the back

The current firmware version # installed on your Revolution Plus Instrument(s) is displayed on the bottom right corner of the Revolution Plus display as shown below.



Step-by-Step Revolution Plus Firmware Update



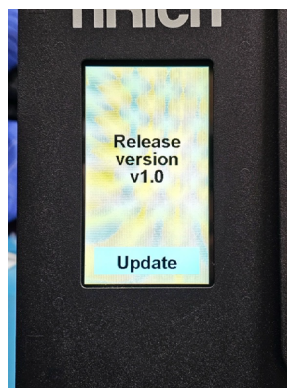
Step 1 - when the instrument is not running samples - **power off** (press “O”) the unit using the Revolution Plus power switch located on the back panel of the instrument



Step 2 - place the USB flash drive into the USB port on the back panel of the instrument



Step 3 - power on (press “I”) the instrument using the power switch



Step 4 - press “Update” on the Revolution Plus’s touchscreen display. The screen will indicate the firmware version (ensure the current firmware version is loading)



Step 5 - keep the unit powered on and the USB flash drive in place until the firmware update is complete



Step 6 - the display will indicate when the firmware update is complete. You may now remove the USB flash drive