

# Chromium X Series

## Firmware Update Procedure



For use with:

**Chromium X** & Accessory Kit, 12-Month Warranty, PN-1000331  
*Chromium iX Accessory Kit, PN-1000323 | Chromium X Upgrade Kit, PN-1000327*

**Chromium X** & Accessory Kit, 24-Month Warranty, PN-1000332  
*Chromium iX Accessory Kit, PN-1000323 | Chromium X Upgrade Kit, PN-1000327*

**Chromium iX** & Accessory Kit, 12-Month Warranty, PN-1000328  
*Chromium iX Accessory Kit, PN-1000323*

**Chromium iX** Accessory Kit, 24-Month Warranty, PN-1000329  
*Chromium iX Accessory Kit, PN-1000323*

### Step 1: Download and install the update

*Procedure with a network connection, auto-download enabled:*

- a.** A pop-up on the home screen will alert the user of available updates.
- b.** Open pop-up and click to install.

*Procedure with a network connection, auto-download disabled:*

- a.** A pop-up on the home screen will alert the user of available updates.
- b.** Open pop-up and click to download.
- c.** Click to install.

*Procedure with no network connection:*

- a.** Check the firmware version onscreen by navigating through the menu to System > About. Visit [cloud.10xgenomics.com](https://cloud.10xgenomics.com) to view firmware updates.

- b.** Download the desired updates onto a USB.  
*See the Accessory Kit section of the Instrument User Guide (CG000396) for a list of compatible USB formats, or use the one provided in the accessory kit.*
- c.** Insert USB into the back of the instrument.
- d.** Onscreen, navigate through the menu to System > Firmware Update > Update via USB.
- e.** Click on “Firmware update available.”
- f.** Click to download the update to the instrument.
- g.** Click to install.
- h.** After installation is complete, remove USB from instrument.

### Step 2: Reinitialize the instrument

*After installing an update, run a readiness test.*

- a.** Retrieve the shipping/readiness test block with attached gasket.  
*See the Readiness Test section of the Instrument User Guide (CG000396) for more information on the block.*
- b.** Initiate a readiness test through the home screen by loading the block into the instrument.
- c.** After the test is complete, follow screen instruction to remove the block from the tray.
- d.** Store the assembled block and gasket in a plastic bag, away from sun-light and extreme temperature. Retain for future use.

*Refer to the Chromium X Series (X/iX) Instrument User Guide with Readiness Test (CG000396) for additional details.*

# Chromium X Series

## Document Revision Summary

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### Document Number

CG000534 | Rev A

### Title

Chromium X Series Firmware Update Procedure

### Revision

Rev A

### Revision Date

March 2022

### Specific Changes

N/A

### General Changes

N/A

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