

Quick Reference Cards | CG000471 | Rev A

Chromium X Series (X/iX)

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



Chromium X Series (X/iX)

Step 1: Installation

Before unboxing the instrument choose a location that:

- Is not in direct sunlight.
- Provides maximum bench space (front to back).
- Allows access to the wall plug and to the detachable power cord at the rear.

 **Ensure ground is reliably connected** before plugging the instrument's power cord into the power source (receptacle).

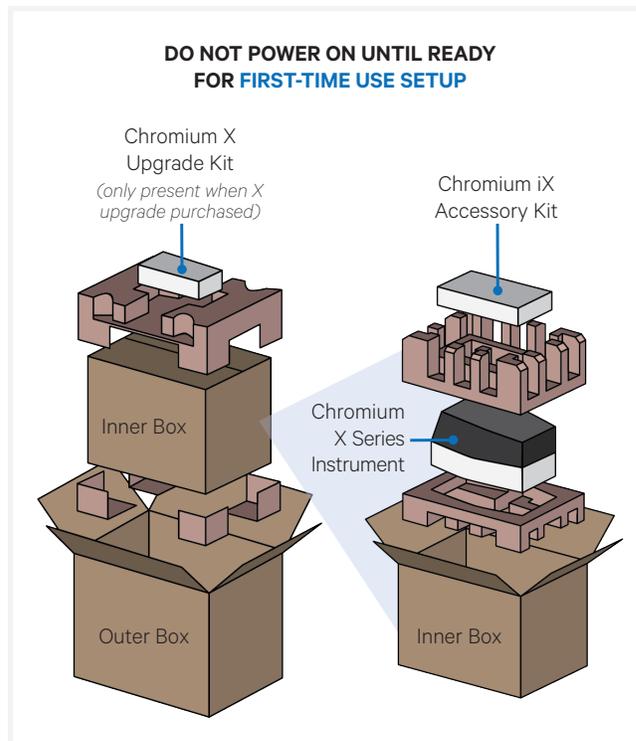
- Includes a level sturdy laboratory bench that is not subject to movement or vibration.
- Provides a minimum of 4" (10 cm) clearance around unit to allow free air circulation.
- Provides a minimum of 6" (15 cm) directly in front of the instrument for unobstructed movement of the tray door.

 **Warning:** The tray door is capable of moving an object that is in its opening path. If an object is near the edge of the workspace, it could fall and create a hazard.

 **Heavy Load:** Instrument only 41.4 lb (18.8 kg); two-person lift. Instrument in package ~58 lb (26.3 kg); team lift.

Unbox

- a.** Open box according to box label "this side up."
Carefully cut or remove the tape on the top of the box and open the top flaps. Ensure that cut is not too deep as it may damage the Upgrade Kit box (present only if Chromium X upgrade was purchased).
- b.** Remove the Upgrade Kit box (present only if Chromium X upgrade was purchased) and packaging material. Carefully lift inner box out and open inner box according to box label "this side up."



- c.** Remove the Chromium iX Accessory Kit box and packaging material.
- d.** Carefully lift the Chromium X/iX instrument out of the box and place on bench top. Remove all transportation packaging materials and tape.
- e.** Within the Accessory Kit box, locate the universal power cord and plug adaptors. Attach the correct country adaptor to the universal adaptor.
- f.** Plug the Chromium X/iX into a properly grounded outlet of proper voltage.

 **DO NOT power on yet.**

- g.** If using an Ethernet cable (not provided) to connect to the network, connect cable directly to the instrument.

Refer to the Chromium X Series (X/iX) User Guide (CG000396) for complete information

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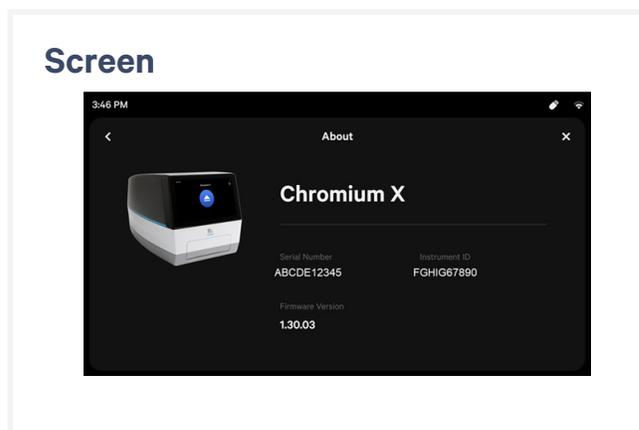
Step 2: First Time Use

The instrument will walk through a first-time setup protocol. Setup requires the following:

- **10x Genomics Account**
Onscreen instruction will guide account setup. Alternatively, visit cloud.10xgenomics.com to create an account beforehand.
- **Instrument serial number and instrument ID**
- **Network server settings**
- **Networked device (computer or phone)**
- **Internet connection is highly recommended.**
Note that Wi-Fi configuration may not be available in your region. Ethernet is recommended for optimal performance.

Turning on the system

- a. Power on the instrument using the power switch at the back of the unit.**
If using Ethernet, connect the cable to the instrument Ethernet port.
- b. On a networked device, login to your 10x Genomics account at activate.10xgenomics.com and register the instrument. Enter the serial number + instrument ID. Read and accept the legal agreement.**
- c. Update the firmware.**
Internet connection: After registration, the instrument will automatically search for the latest firmware update. Confirm data transmission settings for automatic upload/download.
No Internet connection: Download the latest firmware update from your 10x Genomics account to the USB provided in the Accessory Key. Insert USB into the back of the instrument. Reference the Firmware Update Procedure section in the User Guide for more details.
- d. Reboot to complete installation. Proceed to Readiness Test.**



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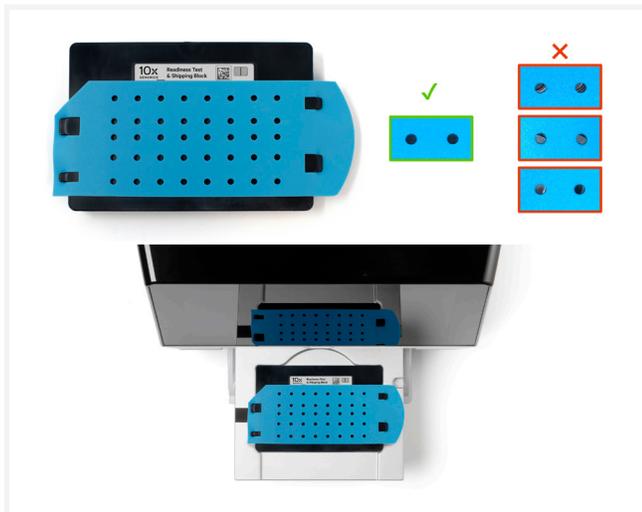
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Step 3: Readiness Test

The readiness test verifies that all systems are working optimally.

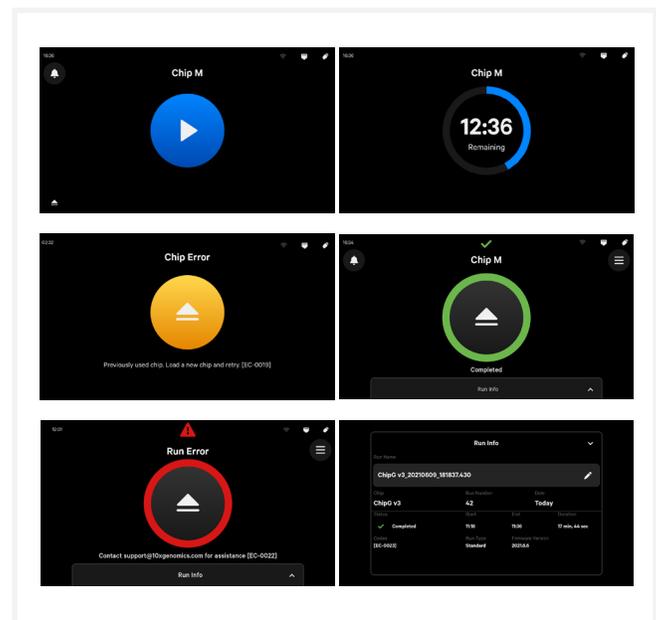
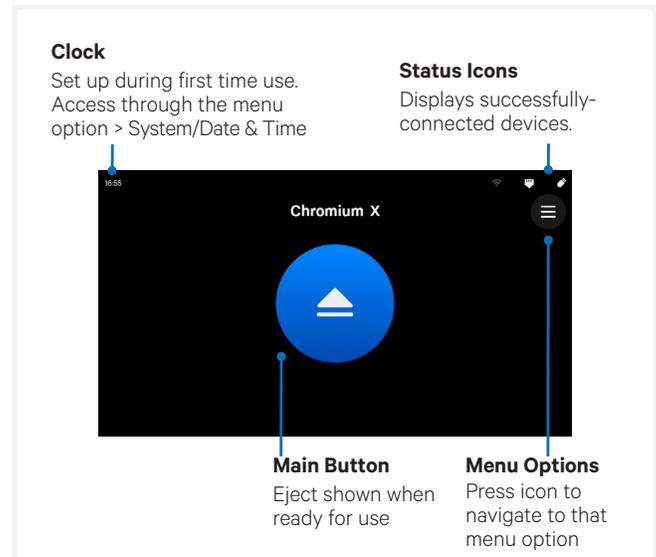
- a. During first-time setup, follow screen instruction to launch the readiness test.
- b. Verify that the shipping/readiness test block is properly placed on the tray:
 - Press the eject button.
 - Ensure that the gasket is properly attached.
 - Replace the assembled block on the tray.
 - Press the eject button again to close the tray.
- c. After the test is complete, follow screen instruction to remove the block with gasket 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.
- e. A successful readiness test marks the end of setup. The instrument is now ready for use.

Initiate subsequent readiness tests through the home screen by loading the shipping/readiness test block with gasket into the instrument.



Operation Screens

After the readiness test, the instrument is ready for use. Representative instrument operation screens are shown below.



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Document Revision Summary



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Title

Chromium X Series (X/iX) Quick Reference Cards

Revision

Rev A

Revision Date

N/A

Specific Changes

N/A

General Changes

N/A

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