



Release Notes for the QX ONE™ Droplet Digital™ PCR System and QX ONE Software

Version 1.1.2

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Introduction

The QX ONE Droplet Digital PCR System and QX ONE Software provide users with the capability to set up and run up to five plates concurrently through three ddPCR™ phases (droplet generation, thermal cycling, and droplet reading), and then analyze the results.

Supported Operating System

QX ONE Software is supported on the Windows 10 operating system.

Upgrading to New Versions

Using the instructions below, you can download and install Standard Edition. If you are using Regulatory Edition, contact Bio-Rad Technical Support.

You can upgrade to v1.1.2 from v1.0, v1.1.0, or v1.1.1.

To upgrade the software to v1.1.2

1. Enter the following URL in your browser: <http://www.bio-rad.com>
2. Log into the website with your Bio-Rad user name and password.
3. Enter QX ONE Software into the Search field and click the Search icon.
4. Select the Downloads tab.
5. Locate QX ONE Software, Standard Edition, v1.1.2 and click Download Software.
6. In the Software Download window, select the *I agree with the compliance requirements* checkbox, and then click Download.
7. A zip file is downloaded and appears in your Downloads folder. The download process can take a few minutes.
8. Open the Downloads folder and select the QXOneStandard_1.1.2 zip file.
9. Right-click and select Extract All.
10. Select a destination folder and select the Show extracted files when complete checkbox, and then click Extract.
11. Open the folder containing the extracted files and locate the .exe file.
12. Double-click the file to begin the installation.
13. Follow the prompts to install QX ONE Software, Standard Edition, v1.1.2.

Improvements

Improved Plate Handling

Changes were made to the QX ONE process scheduler to improve reliability for processing plates added to the Inbox while other plates were being processed.

Improved Workflow for Deleting Plates

When deleting a plate from the list in QX ONE Software, you are prompted to remove the deleted plate from the instrument. This improvement replaces the error message that appeared in previous versions.

Improved Instrument and Touch Screen Communications

To ensure reliable communication between the droplet reader module and the touch screen computer, the QX ONE performs a data connectivity test during startup.

Fixed Issues

- The QX ONE instrument was unable launch a third-party utility and assumed an error state.
- Users could not select columns in the Well Data table. When the user removed a plate from the Inbox, and then returned the plate to the same Inbox location, the Start Run button remained disabled.
- When the user canceled a plate, the instrument did not release the Inbox slot so that a new plate could be added.
- Due to a scheduler issue, users were unable to add plates while other plates were being run.

Known Issues

- QX ONE Software does not move aborted plate runs to the completed runs list.
- The Analysis Report includes duplicated rows.
- If no matches are returned from a plate template search, and you clear the search field, QX ONE Software clears all template files from the dropdown list.

Workaround: Close the template search dropdown list and retry.

- The QX ONE Droplet Digital PCR System does not prompt an error message in QX ONE Software when the droplet reading oil bottle is empty or the waste bottle is full. As a result, plates are not moved forward to the next process.

Workaround: Ensure the droplet reading oil bottle is full and at least one waste bottle is empty before you start plate runs.

- When you select and enter the default value for Assay Type, and then modify the target information, QX ONE Software crashes.
- Errors do not include the full text in the error pop-up screen.
- Upon startup, the waste overflow sensor does not detect the current level in the waste bottle.
- The QX ONE does not open the Inbox while the plate handler is moving during a run, and it appears as if the system has frozen. The door opens when the plate handler is no longer in motion.

Documentation

For information on the QX ONE Droplet Digital PCR System and QX ONE Software, refer to the following documents:

- QX ONE Droplet Digital PCR System Instrument Guide
- QX ONE Software User Guide, Standard Edition
- QX ONE Software User Guide, Regulatory Edition

Contacting Technical Support

The Bio-Rad Technical Support department in the U.S. is open Monday through Friday, 5:00 AM to 5:00 PM, Pacific time.

Phone: 1-800-424-6723, option 2

Email: Support@bio-rad.com (U.S./Canada Only)

For technical assistance outside the U.S. and Canada, contact your local technical support office or click the Contact Us link at www.bio-rad.com.

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