

# QuantStudio™ 3D Digital Chip Kit v2 (12 Pack)

Catalog Number A26316

Pub. No. 100027313 Rev. B


Contents	Part no.	Quantity	Storage conditions
QuantStudio™ 3D Digital PCR Chip v2	100027736	12 chips	Ambient
QuantStudio™ 3D Digital PCR Chip Lid v2	100030978	12 lids	
QuantStudio™ 3D Digital PCR Sample Loading Blade	4482964	12 blades	
Immersion Fluid	100027561	3 syringes <sup>[1]</sup>	
Immersion Fluid Tip	4476022	3 tips	

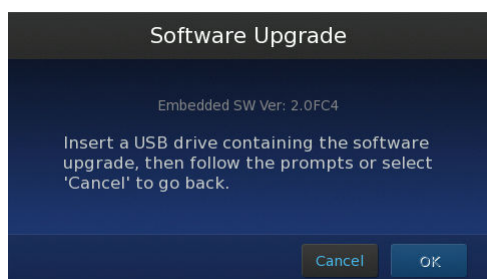
<sup>[1]</sup> Each syringe contains sufficient volume for 4 chips.

**Note:** For safety and biohazard guidelines, refer to the “Safety” appendix in the *QuantStudio™ 3D Digital PCR System User Guide* (Pub. no. MAN0007720). Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

## Check the instrument firmware

Imaging and analysis of the QuantStudio™ 3D Digital PCR Chip v2 requires firmware version 3.0 or later on the QuantStudio™ 3D Digital PCR Instrument. To check the firmware version:

1. On the instrument touchscreen Main Menu, touch .
2. In the Settings Menu, touch **Maintenance & Service**.
3. In the Maintenance & Service screen, touch **Software Update**. The firmware version is displayed on the screen after **Embedded SW Ver.**



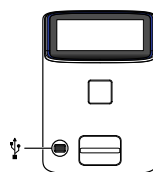
4. If the version is <3.0, update the firmware as follows.


## Update the instrument firmware

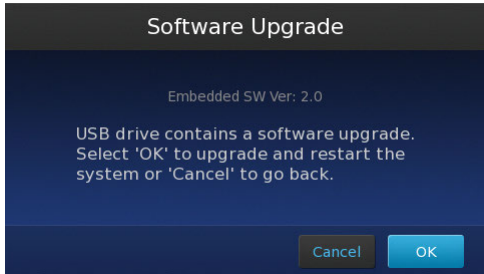
You can download QuantStudio™ 3D Digital PCR Instrument firmware updates directly from the service section of **thermofisher.com/techresources**. After obtaining a firmware update, transfer the update to the instrument using a USB drive.

1. Download the firmware update:
  - a. Go to **thermofisher.com/techresources**.
  - b. Go to **Instrument Management** (you will need to log in if not already logged in to our website) and find the link to **Software, Patches & Updates** on the left side of the Instrument Management dashboard.
  - c. In the Software Downloads page, select **QuantStudio™ 3D Digital PCR Software** from the Digital PCR menu.
  - d. In the product page for your instrument, click on the **Download QuantStudio™ 3D Digital PCR Software** link to download the instrument firmware and save it on a USB drive.
  - e. On the same page, click on **User Instructions** to download and review the release notes for the update.
2. Confirm that the instrument touchscreen is displaying the Main Menu, then plug the drive into the USB port.

**IMPORTANT!** The instrument must display the Main Menu when you insert the USB drive. If not, the update may fail.



3. From the Main Menu of the touchscreen, touch , then touch **Maintenance & Service**.
4. In the Maintenance & Service screen, touch **Software Update** then wait while the instrument scans the USB drive for the firmware update.
5. In the Software Upgrade screen, touch **OK** to proceed with the update.



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**IMPORTANT!** Do not remove the USB drive from the instrument until after the update is complete.

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6. After the upgrade is complete and the instrument restarts, re-calibrate the touchscreen (if prompted), then re-check the firmware version to confirm the success of the update.

## Limited product warranty

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