

Release Notes

QuantStudio® 3D Software v 3.0

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OVERVIEW

QuantStudio® 3D Software supports the Applied Biosystems QuantStudio® 3D Digital PCR Instrument. This software allows the user to read and perform basic analysis of the QuantStudio® 3D Digital PCR Chip on the instrument, and display a digital result in copies/uL. The software also enables the user to set up options to export data for secondary analysis in an integrated and streamlined fashion.

FEATURES

The QuantStudio® 3D Digital PCR Software version 3.0 contains all features from the previous version 2.0 as well as the following modifications, fixes, and enhancements:

- Algorithm improvements for better negative vs. positive calling (better threshold discrimination)
- Within Instrument Settings:
 - Select well volume based on chip version used (legacy chip kit, new chip kit or user-defined)
- In Maintenance and Service:
 - Reanalyze .eds data files with a modified well volume
- Improved accuracy of chip ID reading with additional 2D barcodes
- Option: apply custom-prefix to chip data file names during run set up
 - For single chip, or may set as default for all chips until de-selected
- One feature was removed: The custom prefix option was removed from the Settings menu and replaced with a per-run prefix option (on the “Processing Chip” screen).

KNOWN ISSUES

After batch processing chips one after another, user should wait 1 minute after run history status has changed to “pass” for all runs before powering off instrument. Experiment files will be reanalyzed at the next instrument boot.

LICENSE

You must agree to the terms of the license before installing or using the software.

DOWNLOAD SOFTWARE

Visit www.lifetechnologies.com for QuantStudio® 3D Software download

INSTALL SOFTWARE

Prerequisite:

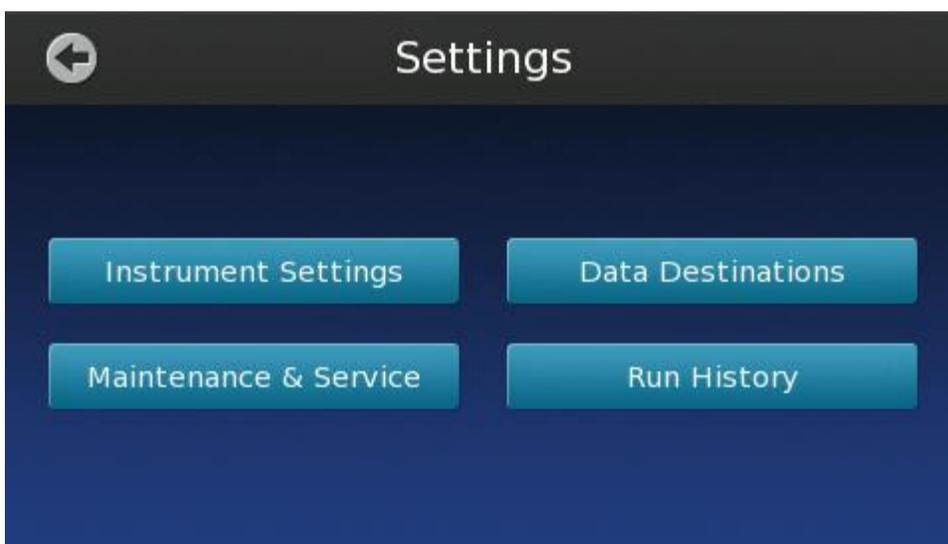
1. Instrument with software version 1.0.I8.6, 1.0, 1.1 or 2.0 should be powered on and home screen (shown below) displayed.
2. USB drive containing 3.0 upgrade package inserted in the USB slot on the front side of instrument.
 - a. Compatible file formats: FAT (VFAT, FAT16, FAT32); ext2, ext3 (LINUX)

Steps:

1. Press the Settings button located at the top right corner on idle screen



- From Settings screen, press Maintenance & Service button



- Press Software Update button



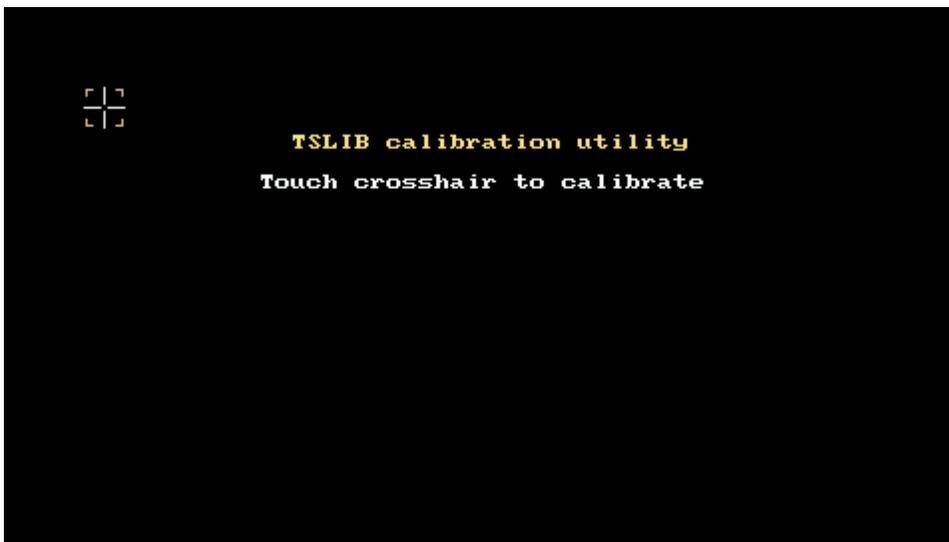
- Note that the screen shows the currently installed version.



- Press OK to start the upgrade process.



- Instrument will reboot itself after upgrade process completes. If determined that re-calibration of the touch screen is required, user will be prompted to calibrate the screen. Follow instructions, touching crosshairs in each location displayed in order to calibrate (up to 5 screen locations will follow, leading up to reboot screen).



- If you would like to confirm that the software has been upgraded, perform steps 1 through 3 to reach the software upgrade screen and confirm with screen shot below.

LEGAL STATEMENTS

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