New Brunswick S41i CO2 Incubator Shaker Updates

Date/File/Version	Description of Changes
10-March-2015 **M1334 Display Version 1.98.exe**	Update adds a reconfirmation screen that is displayed when shaker platform is turned off. The screen will disappear after 10 seconds if no action is taken.

Before running the update, determine which software version is currently installed in your controller:

- Turn on your New Brunswick S41i Incubator Shaker
- The initial screen will display the controller software version; this upload requires
- more detail than the initial display
- Once unit is initialized, use the touch screen controls to enter "Menu"
- Navigate using the arrows to menu screen 2 of 2
- Press diagnostics button
- View the software version on page 1 of 11

If the installed software is lower than the latest versions listed above, perform the upgrade as listed below. You may want to print this page for easy access to the instructions while you work.

1. Install a USB external memory device into the computer's USB drive connection **(Note: USB must be a FAT32 file system. Filing systems such as NEST will not work properly. This can be checked by viewing properties for the USB device while attached to a computer)**
2. Select and open the file that were downloaded from eppendorf.com
3. The firmware updates are saved as self-extracting executable files, select M1334_Display_ver_1.98.exe
4. Browse and select your USB external device to save the extracted files and press "unzip"
5. When extraction is complete you will have two new files "ucdisp.bin" and "ucscreen.bin" saved on your USB
6. Remove the USB external memory device from the computer
7. First, you will install the Display Update
8. Navigate to "Menu" screen 2 of 2
9. Press "Update Display Firmware" to highlight option and press "Next"
10. Insert USB external memory device into the USB port located under the display bezel
11. Once the download is complete follow instructions on the screen (remove USB and power the incubator shaker off and on)
12. Now, check to ensure firmware is operating correctly
13. Navigate to the main menu
14. Select "START" button
15. Select "YES" when asked to confirm on the next screen
16. Wait for shaker platform to reach setpoint RPM
17. Select "STOP" button
18. Select "YES" when asked to confirm termination of shaking
19. If the above confirmation screen is displayed, firmware updates have been installed correctly

Congratulations! You have installed the latest performance enhancements for your New Brunswick S41i CO2 Incubator Shaker. Check this page regularly for new revisions.