

Instructions for 810 Vibration Tester Firmware Upgrade

Prior to the 810 firmware upgrade the first step is to confirm the Board Support Package (BSP) version on your tester.

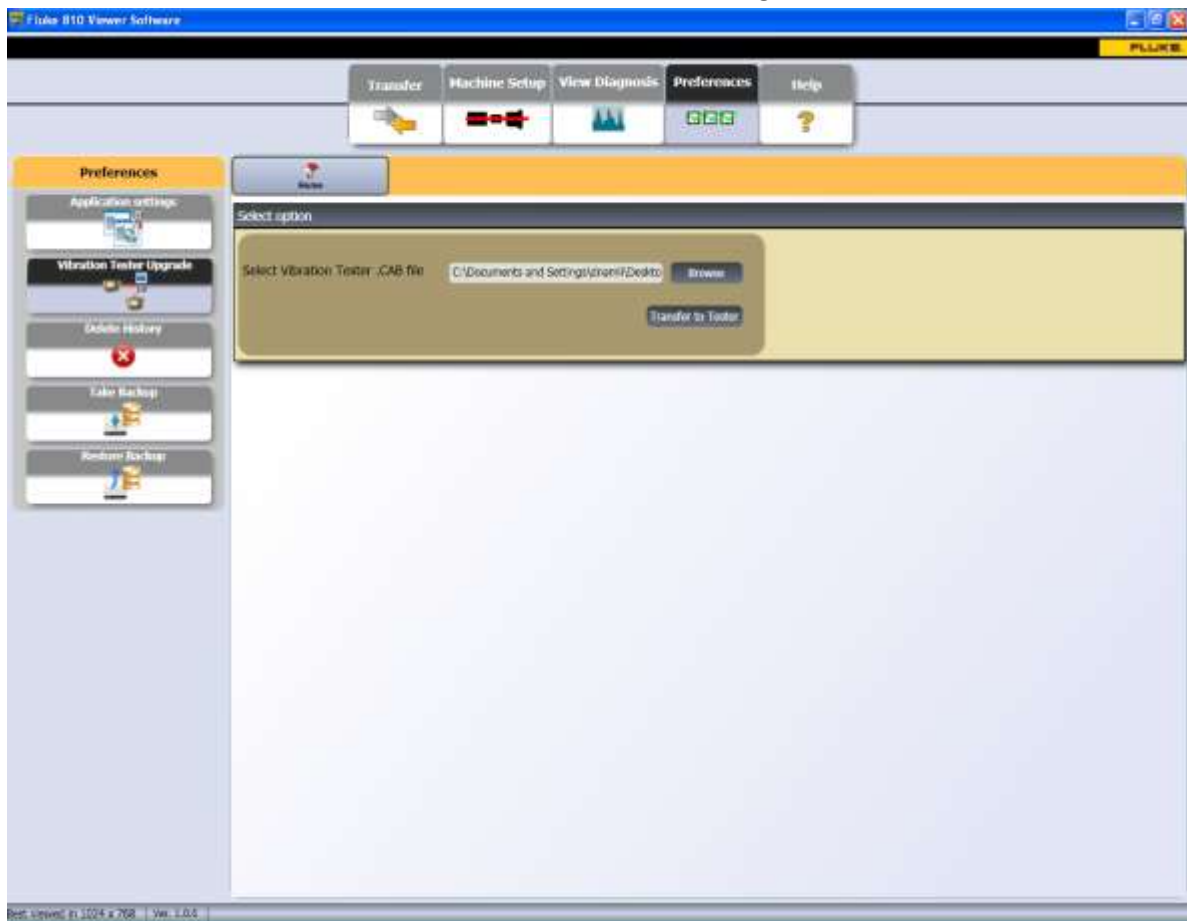
Confirm the BSP Version

1. Power up the Tester and press the Instrument Setup button.
2. Press F2 [Next Page] until you arrive at the final page of the Instrument Setup.
3. Note the BSP version indicated on the display.

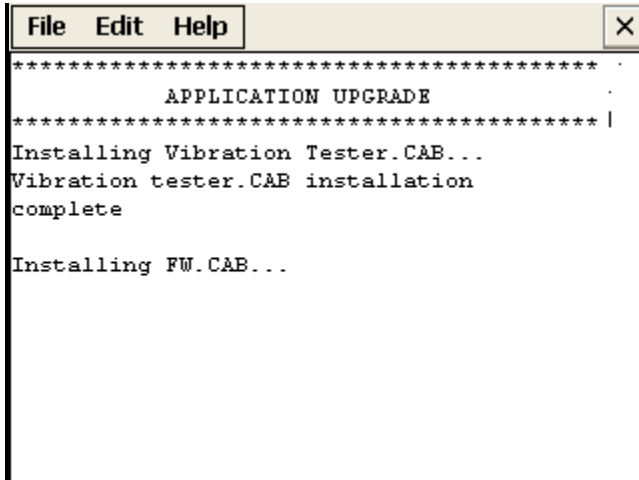
If the BSP is 6.06.07, updating the firmware will erase all machine setups, measurement and diagnostic history. Go to section on page 2 titled: Update Tester (Firmware Upgrade) if BSP is 6.06.07 or less for instructions on how to update firmware.

Update Tester (Firmware Upgrade) if BSP is 6.06.08 or greater

1. Start-up the Viewer application and click on Preferences > Vibration Tester Upgrade (second button down on left).
2. Click on “Vibration Tester Upgrade” from the menu on the left.
3. Browse to locate the “Vibration Tester.CAB” file for the latest firmware version in your PC.
4. Click “Transfer to Tester”. Viewer Software will start transferring the .CAB file to the Tester.



- Upon completion of the transfer, restart the Tester. **IMPORTANT: Do not restart Tester before transfer is complete. Wait for dialog box indicating the transfer is complete.**
- After restarting the Tester, WAIT UNTIL INSTALLATION IS COMPLETE. (The following screen will be displayed on the Tester).



- The firmware installation will finish on the Instrument Setup Screen. At this point, your firmware upgrade is complete. Review, change and save the settings based upon your preferences. **Important: Please make sure that correct AC power line frequency is selected for your region.**



Update Tester (Firmware Upgrade) if BSP is 6.06.07 or less

If BSP is 6.06.07 or less, you must copy your current database in the Tester so you can restore it after the firmware upgrade.

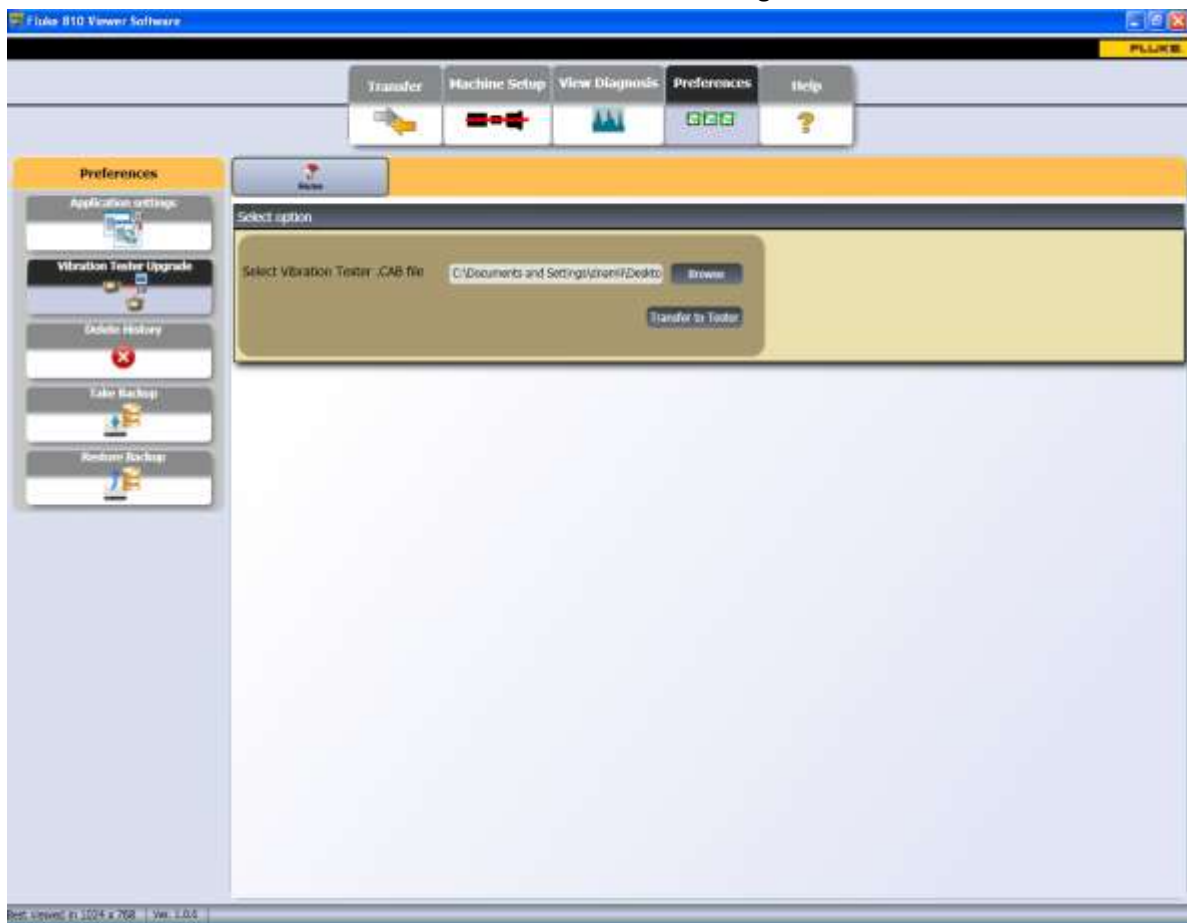
Copy Database

- First plug the Tester into your computer.
- Go to My computer on your desktop PC or to Windows Explorer and select Mobile Device.

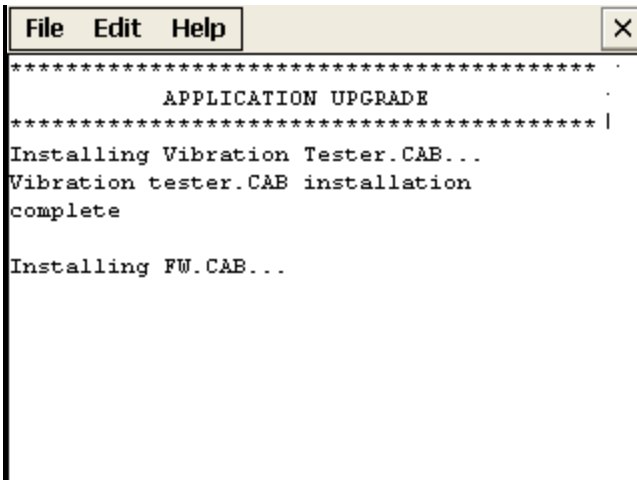
3. Browse to 'Storage Card' folder on Mobile Device.
4. There will a file named 'Flukedatadog.sdf' in this folder. This database holds all of your machine setups and diagnostic data.
5. Copy that file to your computer.

Update Tester (Firmware Upgrade)

6. Once the backup is complete, Start-up the Viewer application and click on Preferences > Vibration Tester Upgrade (second button down on left).
7. Click on "Vibration Tester Upgrade" from the menu on the left.
8. Browse to locate the "Vibration Tester.CAB" file for the latest firmware version in your PC.
9. Click "Transfer to Tester". Viewer Software will start transferring the .CAB file to the Tester.

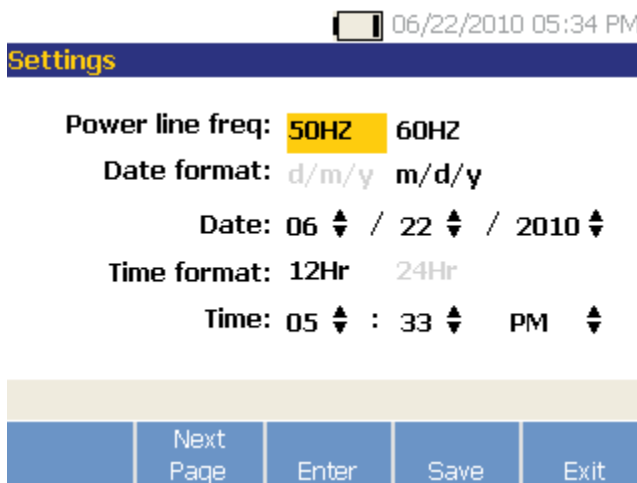


10. Upon completion of the transfer, restart the Tester. **IMPORTANT: Do not restart Tester before transfer is complete. Wait for dialog box indicating the transfer is complete.**
11. After restarting the Tester, WAIT UNTIL INSTALLATION IS COMPLETE. (The following screen will be displayed on the Tester).



- The firmware installation will finish on the Instrument Setup Screen. At this point, your firmware upgrade is complete. Review, change and save the settings based upon your preferences.

Important: Please make sure that correct AC power line frequency is selected for your region.



Once the firmware upgrade is complete, the database files stored on your PC from above “Copy Database” can be restored to your Tester.

Restoring Your Database

- There will be a file named 'Flukedatadog.sdf' in the Mobile Device \ Storage Card folder. Rename this file with any other name, e.g. 'Flukedatadog2.sdf'
- Copy the file 'FlukeDataDog.sdf' from the location on your computer where you saved it to the \Storage Card folder. This file can't be dragged over to the Mobile Device. Right click and 'copy' Flukedatadog.sdf. Move to the Storage Card folder and 'paste'.
- Delete the renamed file e.g. 'FlukeDataDog2.sdf'
- Restart the Tester.