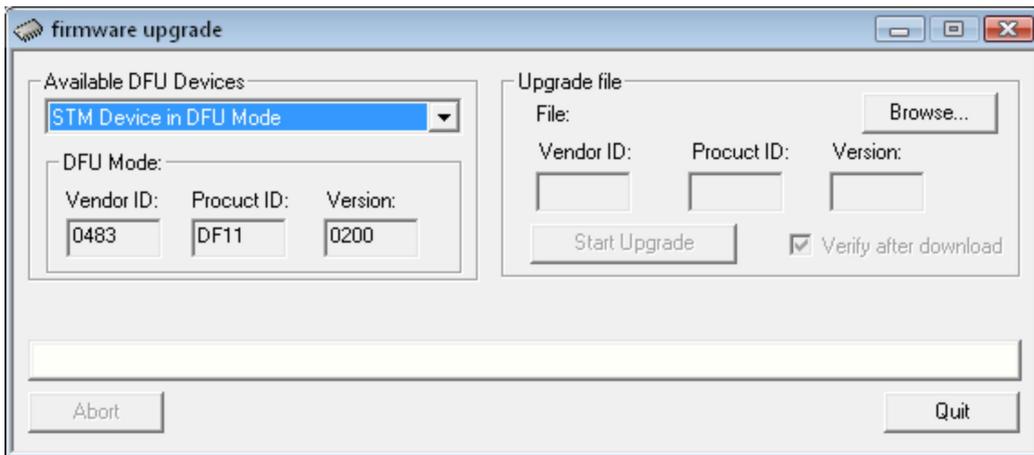


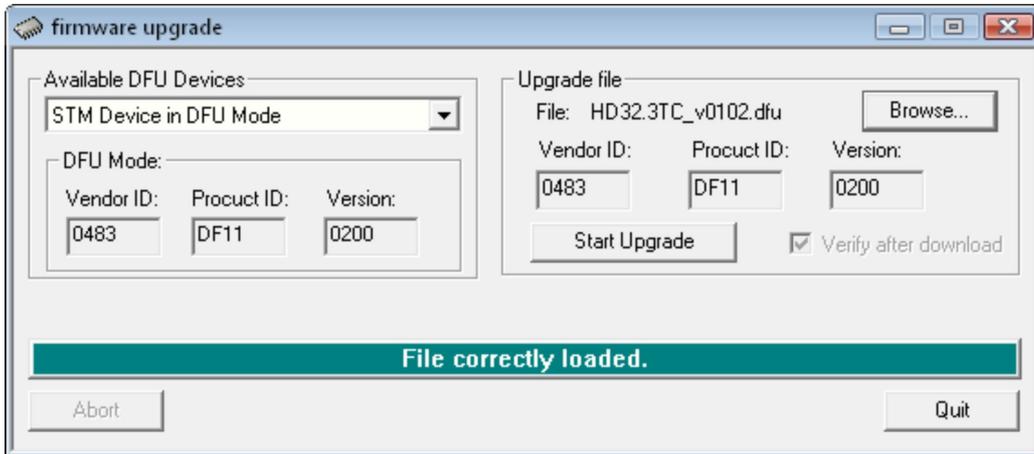
# HD32.3TC - FIRMWARE UPDATE

**THIS UPDATE PROCEDURE APPLIES ONLY TO INSTRUMENTS WITH SERIAL NUMBER STARTING FROM 22026145.**

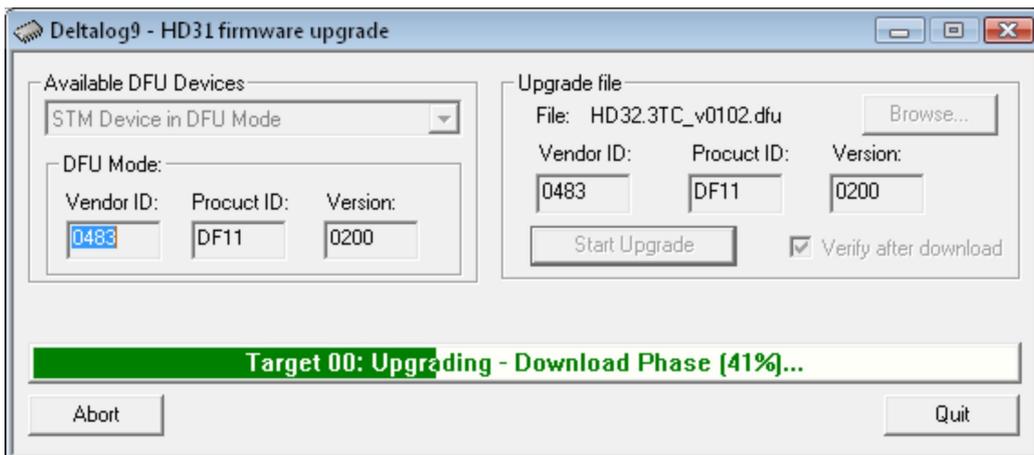
- 1) Connect CP31 cable to the instrument and to the PC.
- 2) If present in the update files, copy the **"images.bin"** file to the root of the disk unit corresponding to the instrument and delete the **"images.bak"** file if present (*Note: the "images.bin" file is required only if necessary to add new icons to the instrument display*).
- 3) Enter the menu and select **FACTORY**.
- 4) Enter the password (123789) and press **OK**.
- 5) Select **DFU MODE**: the instrument display turns off. In "PC control panel → Device manager → USB controllers", the item **"STM Device in DFU Mode"** should appear.
- 6) Run the **"Firmware\_Loader.exe"** program.



- 7) Press *Browse...* and select the supplied **"dfu"** extension update file.



- 8) Press the *Start Upgrade* button and wait for the file to be loaded.



- 9) Once the update is finished, the message "Upgrading successful" will appear.
- 10) Press *Quit* to close the Firmware Loader program.
- 11) The instrument display will turn on automatically at the end of the update file loading. **Attention:** if the "images.bin" file has been copied, the instrument display will turn on about 1 minute after the end of the update file loading.
- 12) Check that the "**images.bak**" file appears in the root of the disk unit corresponding to the instrument and that the "**images.bin**" file is no longer present.

**ATTENTION:**

If after selecting DFU MODE in the instrument, the item "STM Device in DFU Mode" does not appear in "PC control panel → Device manager → USB controllers", check if in "PC control panel → Device manager → Other devices" appears the item "DFU in FS Mode". If the item "DFU in FS Mode" appears, select it, press the mouse right button and select "Uninstall device"; then, disconnect and reconnect the USB cable.