Analyst® TF 1.8 HotFix 1

Release Notes

To view information about a previous software release, refer to the *Release Notes* that came with that version of the software.

Fixed Issues

The Analyst® TF 1.8 HotFix 1 provides a ConfigUpdater utility, new system firmware, and two configuration tables to address the following issue: If firmware version MIL4200 was used, then the TOFMS mass shift is observed in SWATH® acquisition data. (ATF-839)

Supported Operating Systems

The Analyst® TF 1.8 HotFix 1 is compatible with the Windows 7, 32- or 64-bit, and Windows 10, 64-bit, operating systems.

Firmware and Configuration Tables Updates

Note: The Firmware Version and the Config Table Version information can be found in the File Information of a data file.

Table 1-1 Firmware Updates

System	Firmware Version
TripleTOF® 4600 and TripleTOF® 5600+ systems	MIL4203
TripleTOF® 6600 systems without the OptiFlow™ interface (using Config Table Version 00 before the HotFix was installed)	MIL4203
TripleTOF® 6600 system with the OptiFlow™ interface, and TripleTOF® 6600+ systems (using Config Table Version 21 before the HotFix was installed)	MIL4203

Table 1-2 Configuration Tables Updates

System	Configuration Table
TripleTOF® 4600 and TripleTOF® 5600+ systems	Refer to the *Software Installation Guide* for the Analyst® TF 1.8 software.
TripleTOF® 6600 systems without the OptiFlow™ interface (using Config Table Version 00 before the HotFix was installed)	D2988301.fw
TripleTOF® 6600 systems with the OptiFlow™ interface, and TripleTOF® 6600+ systems (using Config Table Version 21 before the HotFix was installed)	D2988322.fw

Install the HotFix

Note: This HotFix is only applicable for TripleTOF® systems running the MIL4200 firmware.

Note: Do not remove this HotFix or downgrade the firmware and the configuration table.

Prerequisite
• Analyst® TF 1.8 software must be installed.

1. Log on to the computer as a user with Administrator privileges.
2. Stop any acquisitions that are in progress and then deactivate the hardware profile.
3. Close the Analyst® TF software.
4. Download the **Analyst® TF 1.8 HotFix1** from sciex.com/software-support/software-downloads.

   Note: To prevent potential installation issues, we recommend that the file be saved to a local drive other than the computer desktop or a USB flash drive.

5. After the download is complete, right-click the **AnalystTF-1.8-HotFix-1.zip** file.
6. Click **Extract All** and then select the file destination folder.
7. After the extraction is complete, navigate to the selected extraction folder and then double-click the **setup.exe** file.
8. Follow the on-screen instructions to complete the installation.
9. Restart the computer.

10. Update the firmware and configuration table, if applicable.
11. Open the Analyst® TF software and then activate the hardware profile. Update the Firmware and Configuration Table (if applicable).

Update the Firmware and Configuration Table (if applicable)

The firmware on the 4600, 5600+, 6600, and 6600+ systems must be updated after the HotFix 1 is installed. Configuration Tables must be updated on 6600 and 6600+ systems.

Note: On computers configured with the Windows 7, 32-bit operating system, the ConfigUpdater.exe file is located in the C:\Program Files\Analyst\Firmware\ConfigUpdater folder. On computers configured with the Windows 7 or Windows 10, 64-bit operating system, the ConfigUpdater.exe file is located in the C:\Program Files (x86)\Analyst\Firmware\ConfigUpdater folder.

1. Browse to the \ConfigUpdater folder and then double-click **ConfigUpdater.exe**.

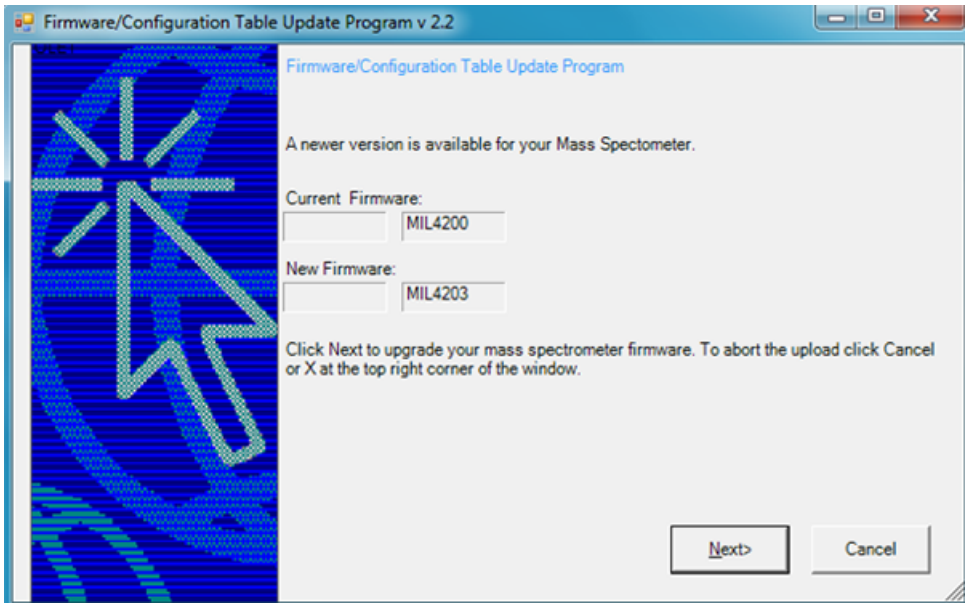
   The Configuration Update Program page opens.

   Tip! The ConfigUpdater.exe can also be started from the shortcut at **Start > All Programs > Sciex > Analyst TF** on Windows 7 operating systems or at **Start > Sciex Analyst TF** on Windows 10 operating systems.

2. Select the **GPIB** Interface and then click **OK**.

   The Configuration Update Program identifies the new firmware version that will be installed.

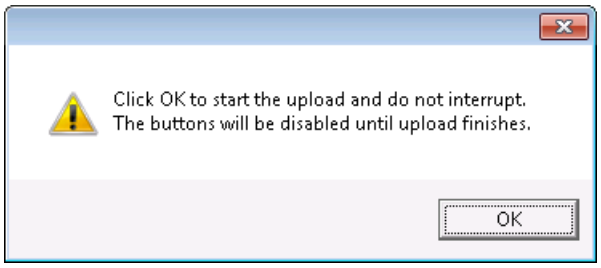
Figure 1 Firmware/Configuration Table Update Program Dialog



3. Click **Next**.

   A message prompting users to start uploading the new firmware is shown.

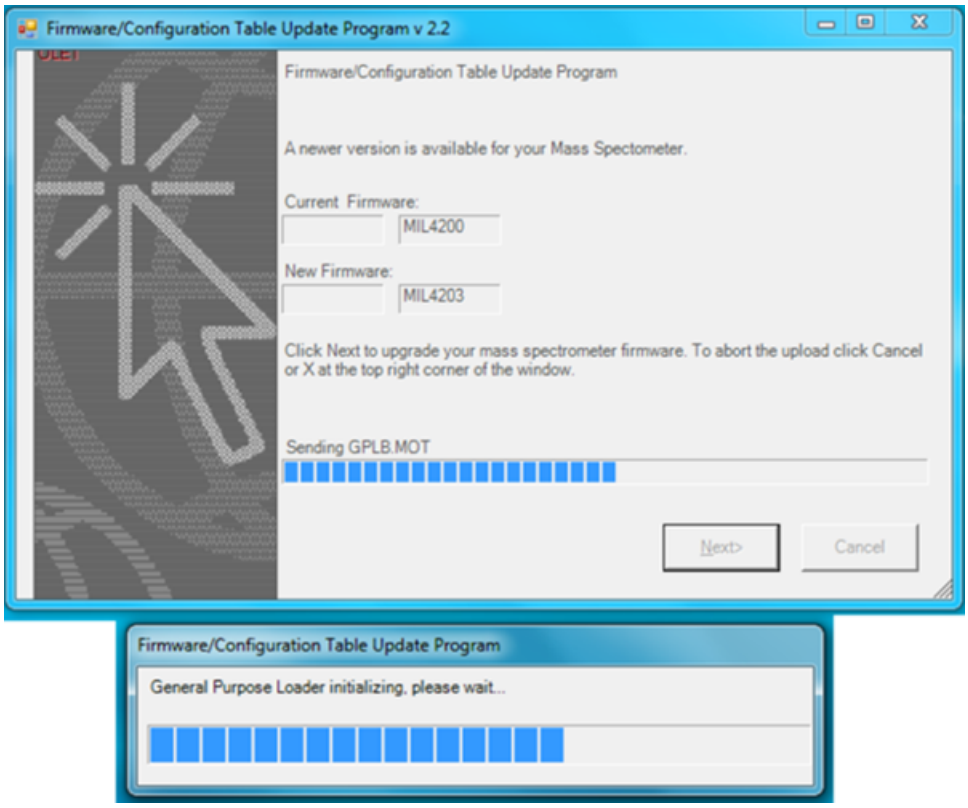
Figure 2 Message Dialog



4. Click **OK**.

   The ConfigUpdater program starts uploading the new firmware.

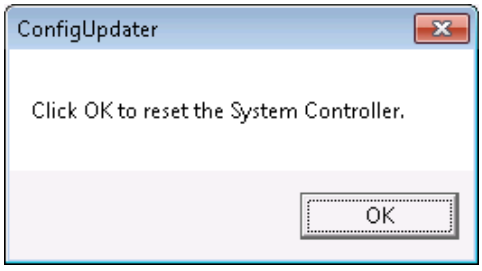
Figure 3 Firmware/Configuration Table Update Program Dialog



5. After step 4 starts, wait for 10 minutes.

Note: During the firmware upload process, a message is shown indicating that the mass spectrometer (system controller module) will be reset. Refer to the following figure. Do not click **OK** in the message until 10 minutes have elapsed from the start of step 4.

Figure 4 Mass Spectrometer Reset Message



6. Click **OK** and then wait for two minutes.

   The mass spectrometer is reset automatically.

Note: After **OK** is clicked, the ConfigUpdater program will begin resetting the mass spectrometer. Refer to Figure 5. Do not continue with this dialog until the mass spectrometer reset process is completed. When the reset process had completed, the ConfigUpdater program advances to the next dialog. Refer to Figure 6.

Figure 5 Firmware/Configuration Table Update Program Dialog

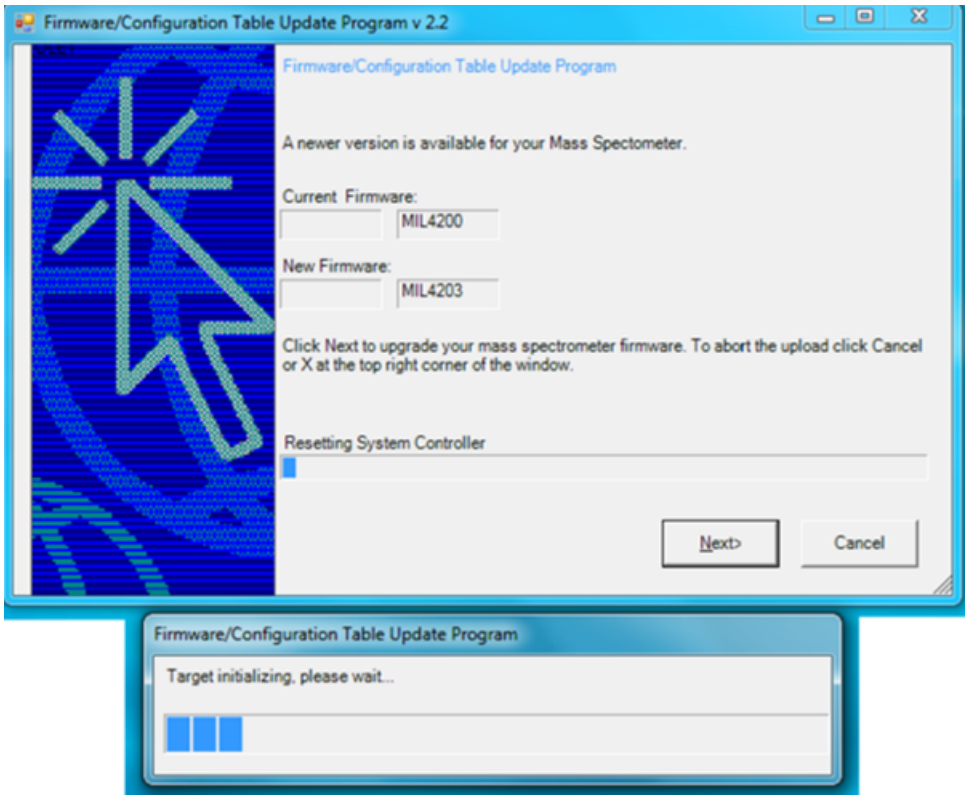
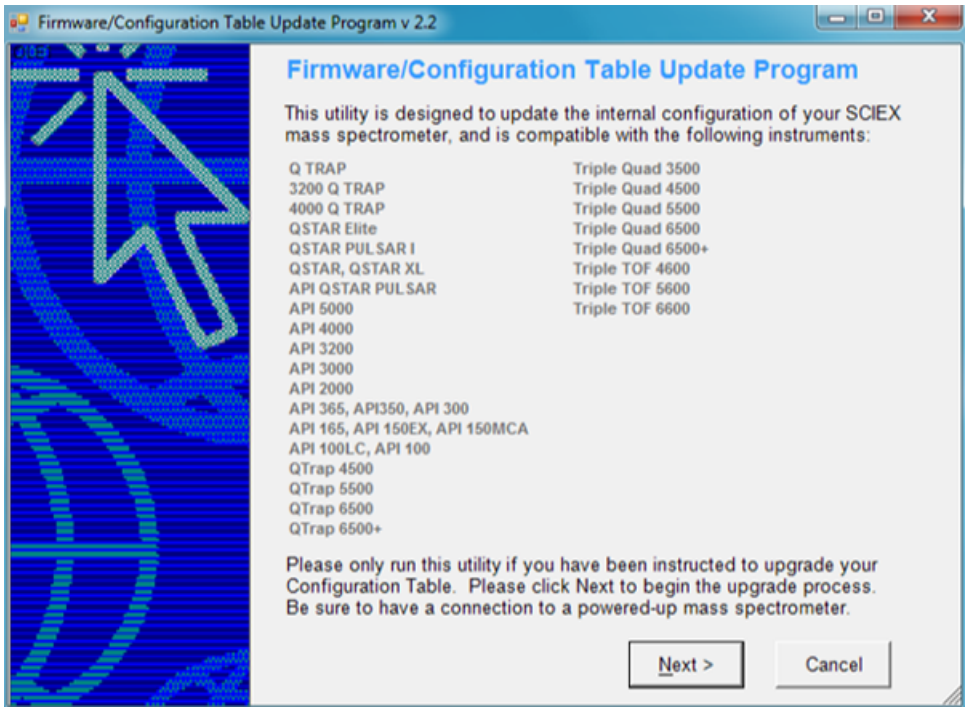
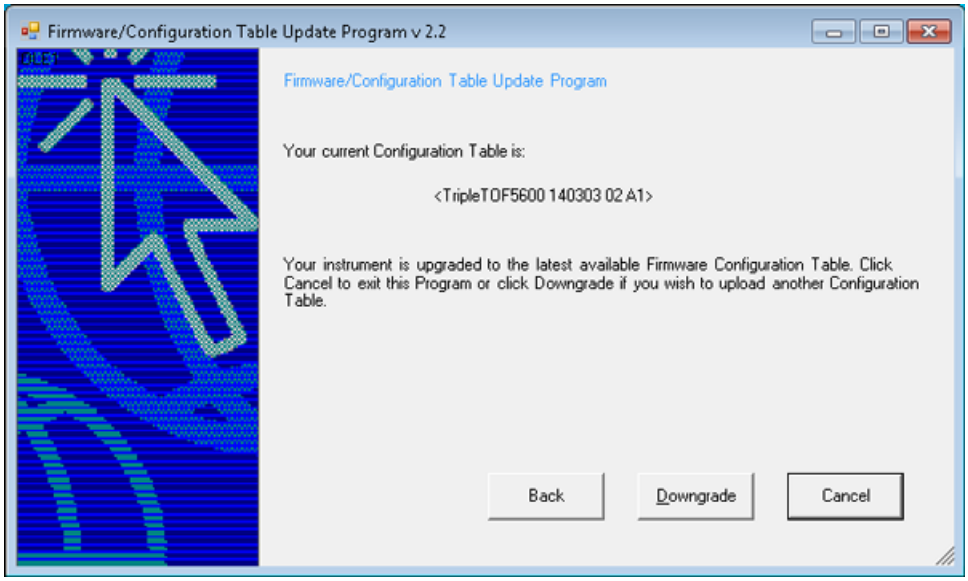


Figure 6 Firmware/Configuration Table Update Program Dialog



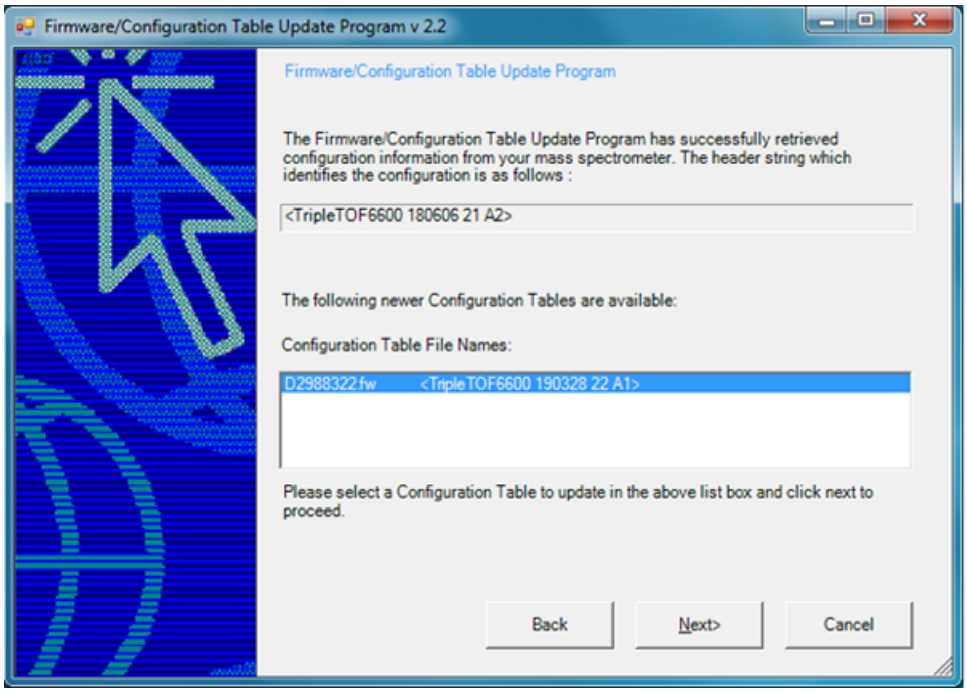
7. (For the TripleTOF® 4600 and TripleTOF® 5600+ systems) After the mass spectrometer reset is complete, click **Next** in the Firmware/Configuration Table Update Program dialog (Figure 6), and then click **Cancel** to cancel the ConfigUpdater program. Refer to Figure 7.

Figure 7 Firmware/Configuration Table Update Program Dialog



8. (For the TripleTOF® 6600/6600+ systems) After the mass spectrometer reset is complete, click **Next** in the Firmware/Configuration Table Update Program dialog (Figure 6), and then click **Next** (Figure 8) again in the next dialog to run Configuration Updater again to update the Configuration Table.

Figure 8 Firmware/Configuration Table Update Program Dialog

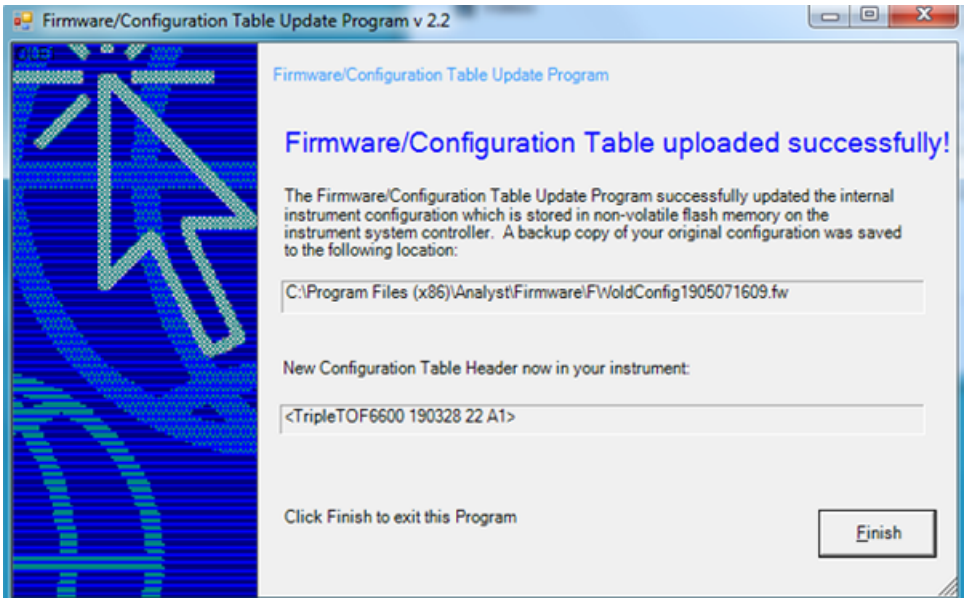


After the Configuration Table is updated, the mass spectrometer reset message is shown. Refer to Figure 4.

9. Click **OK**.

   The mass spectrometer is reset automatically. The Firmware/Configuration Table Uploaded Successfully message is shown. Refer to Figure 9.

Figure 9 Firmware/Configuration Table Update Program Dialog



10. Click **Finish**.

Note: If the instrument is currently using the configuration table D2988320.fw (Config Table Version 20) on the TripleTOF® 6600 system with the OptiFlow™ interface, then the ConfigUpdater utility must be run one more time to update the configuration table to D2988322.fw. Running the utility for the first time will only update the configuration table to D2988321.fw.

New Folder and Files

The Analyst® TF 1.8 HotFix 1 installs the following files in the designated locations:

- On a computer configured with a Windows 7, 32-bit operating system, the <*path*> refers to: <*drive*:>\Program Files.
- On a computer configured with a Windows 7, 64-bit or Windows 10, 64-bit operating system, the <*path*> refers to: <*drive*:>\Program Files (x86)

In the <*path*>\Analyst\help folder:

- Analyst® TF 1.8 HotFix 1 Release Notes

Note: On the Windows 7, 32-bit or 64-bit operating system, a shortcut to the *Release Notes* can be found under: **Start > All Programs > SCIEX > Analyst TF**. On the Windows 10, 64-bit operating system, a shortcut to the folder that contains the *Release Notes* can be found under: **Start > SCIEX Analyst TF > Analyst TF Documentation**

In the <*path*>\ Analyst\Firmware folder:

- MIL4203
- D2988301.fw
- D2988322.fw

In the <*path*>\Analyst\Firmware\ConfigUpdater folder (ConfigUpdater folder is added):

- AxInterop.ComctlLib.dll
- AxInterop.InetCtlsObjects.dll
- AxInterop.MSCommLib.dll
- AxInterop.MSFlexGridLib.dll
- AxInterop.MSWinsockLib.dll
- ConfigUpdater.exe
- ConfigUpdater.exe.config
- ConfigUpdater.pdb
- ConfigUpdater.xml
- Interop.ComctlLib.dll
- Interop.InetCtlsObjects.dll
- Interop.MSCommLib.dll
- Interop.MSFlexGridLib.dll
- Interop.MSWinsockLib.dll
- Interop.Scripting.dll
- UpdateConfig.ini

Known Issues

The software starts acquiring data without waiting for the Shimadzu column oven temperature to reach the set temperature

When a Shimadzu column oven is used in the acquisition method, then the Analyst® TF software will start acquiring data immediately without waiting for the column oven temperature to reach the set temperature if the **WAIT TIME** is set to **0** for the column oven in the Shimadzu LC hardware settings. If the **WAIT TIME** for the column oven is set to 0, then make sure to equilibrate the system and then wait for 10 to 15 minutes after the column oven has reached the set temperature before submitting any samples.

Alternatively, set the **WAIT TIME** to a value equal to any integer from 1 to 10 for the column oven. The software will wait for the **WAIT TIME** after the column oven temperature has reached the set temperature before the injection. (ATF-847)

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