

Analyst 1.7.4 HotFix for ICB-5 Firmware Release Notes



Introduction

For information about an earlier software version, refer to the document: *Release Notes* that came with that software version.

Where to Get Help

- *Analyst software 1.7.4 with HotFix 1 Release Notes*
- *Analyst software 1.7.4 with HotFix 1 Installation Guide*

New in Analyst 1.7.4 HotFix for ICB-5 Firmware Corrected Issues

This HotFix installs updated firmware that corrects an issue with the integrated diverter valve. On systems with instrument control board 5 (ICB-5), the valve changes position earlier than the expected time. This HotFix is only applicable to the acquisition workstation for these systems with ICB-5 that use firmware version QIL0205, as identified in the data sample information.

- SCIEX 3500 systems
- SCIEX 4500 systems
- SCIEX 5500 systems
- SCIEX 5500+ systems
- SCIEX 6500 systems
- SCIEX 6500+ systems

(AN-4066 & AN-4135)

Known Issues and Limitations

- N/A

Installation

Install the HotFix

Prerequisites
The Analyst software 1.7.4 with HotFix 1 is installed.

1. Log on to the computer as a user with Administrator privileges.
2. Stop acquisitions that are in progress, and then deactivate the hardware profile.
3. Close the Analyst software.
4. Go to sciex.com/software-downloads, and then download Analyst 1.7.4 HotFix for ICB-5 Firmware.

Tip! To prevent installation issues, save the file to the local computer, in a different location than the desktop.

5. After the download is completed, do this:
 - a. Right-click the `Analyst1.7.4HF-for-ICB5-Firmware.zip` file, and then click **Extract All**.
 - b. Browse to and select the destination folder, and then click **Extract**.
6. Browse to and then double-click the `setup.exe` file.
7. Obey the on-screen instructions to complete the installation.
8. Upgrade the firmware. Go to the section: [Update the Firmware](#).

Update the Firmware

Note: This procedure should be used only for these systems with ICB-5.

- SCIEX 3500 systems
- SCIEX 4500 systems
- SCIEX 5500 systems
- SCIEX 5500+ systems
- SCIEX 6500 systems
- SCIEX 6500+ systems

Use the `ConfigUpdater.exe` program to update the system firmware to QIL0206.

The configuration tables have not changed. For information about configuration tables, refer to the document: *Analyst Software 1.7.4 with HotFix 1 Release Notes*.

1. Browse to the C:\Program Files (x86)\Analyst\Firmware\ConfigUpdater folder, and then double-click ConfigUpdater.exe.
The Select Interface dialog opens. The **Ethernet** interface option is selected.

Tip! The ConfigUpdater.exe program can also be started from the shortcut: **Start > Sciex Analyst > ConfigUpdater**.

2. Click **OK**.
The ConfigUpdater.exe program opens and then identifies the new firmware version to be installed.

Note: The ConfigUpdater.exe program will reset the mass spectrometer. This is usual and is required by the update process.

3. Click **Next**.
This message is shown: Click OK to start the upload and do not interrupt. The buttons will be disabled until upload finishes.
4. Click **OK** to start the upload, and then wait until this message is shown: Uploaded firmware is ready.
5. Click **OK**.
The Firmware/Configuration Table Update Program dialog with a list of supported instruments opens.
6. Click **Next**.

The message is shown: Your current configuration table is: <header of the current configuration table> file. Your instrument is upgraded to the latest firmware configuration table. Click Cancel to exit this program or click Downgrade if you wish to upload another Configuration Table .

7. To close the ConfigUpdater.exe program, click **Cancel**.
8. Restart the computer.

Remove the HotFix

CAUTION: Potential System Damage. SCIEX 3500 systems, SCIEX 4500 systems, SCIEX 5500 systems, SCIEX 5500+ systems, SCIEX 6500 systems, and SCIEX 6500+ systems with ICB-5: We do not recommend that the Analyst 1.7.4 HotFix for ICB-5 Firmware be removed from these systems. The removal of the HotFix will result in the use of an unsupported software configuration. If the HotFix must be removed, then first remove the Analyst 1.7.4 HotFix for ICB-5 Firmware and then install the compatible firmware. To install the compatible firmware (QIL0205), browse to the folder `Extras\Instrument Update\ConfigUpdater` in the Analyst software 1.7.4 with HotFix 1 package, and then run the `ConfigUpdater.exe` program. The system goes back to the Analyst software 1.7.4 with HotFix 1.

1. Log on to the computer as a user with Administrator privileges.
2. In the Analyst software, deactivate the hardware profile.
3. Close the Analyst software.
4. Open Control Panel, and then open Programs and Features.
5. Select **Analyst 1.7.4 HotFix for ICB-5 Firmware**, and then click **Uninstall**.
6. Obey the on-screen instructions.
7. Close Control Panel.
8. Load the firmware version that is compatible with the previous software version. Refer to the section: [Install Firmware That is Compatible With the Previous Version of the Software](#).

Install Firmware That is Compatible With the Previous Version of the Software

1. Browse to the `Extras\Instrument Update\ConfigUpdater` folder in the Analyst software 1.7.4 with HotFix 1 package, and then run the `ConfigUpdater.exe` program. The Select Interface dialog opens. The **Ethernet** interface option is selected.
2. Click **OK**.

The `ConfigUpdater.exe` program opens and then identifies the new firmware version to install.

Note: The `ConfigUpdater.exe` program will reset the mass spectrometer. This is usual and is required by the update process.

3. Click **Next**.

The message is shown: Click OK to start the upload and do not interrupt. The buttons will be disabled until the upload finishes. .

4. Click **OK**, and then wait until the message `Uploaded firmware is ready` is shown.
5. Click **OK**.
The Firmware/Configuration Table Update Program dialog with a list of supported instruments opens.
6. Click **Next**.

The message is shown: `Your current configuration table is: <header of the current configuration table> file. Your instrument is upgraded to the latest firmware configuration table. Click Cancel to exit this program or click Downgrade if you wish to upload another Configuration Table .`

7. To close the `ConfigUpdater.exe` program, click **Cancel**.
The system goes back to the configuration supported by the Analyst software 1.7.4 with HotFix 1.

Changed and Added Files

The Analyst 1.7.4 HotFix for ICB-5 Firmware makes changes to these folders that are in the `C:\Program Files (x86)` folder.

Analyst\Firmware

- `QIL0206` (added)

Analyst\Firmware\ConfigUpdater (All files 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`

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- Interop.MSFlexGridLib.dll
- Interop.MSWinsockLib.dll
- Interop.Scripting.dll
- UpdateConfig.ini

Analyst\Help

- *Analyst 1.7.4 HotFix for ICB-5 Firmware Release Notes* (added)

Tip! A shortcut to the Release Notes can be found in this location: **Start > SCIEX Analyst > Analyst Documentation**

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Documentation

This version of the document supersedes all of the previous versions of this document.

To find software product documentation, refer to the release notes or software installation guide that comes with the software.

To find hardware product documentation, refer to the documentation that comes with the system or component.

The latest versions of the documentation are available on the SCIEX website, at sciex.com/customer-documents.

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