Analyst 1.7.3 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 1.7.3 Release Notes*

- *Analyst Software 1.7.3 Installation Guide*

- *Analyst 1.7.3 HotFix 3 Release Notes*

- *Analyst HotFix for 5500+ Configuration Release Notes* (if installed)

New in Analyst 1.7.3 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 QIL0101, 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-3991, AN-4055, AN-4136 & AN-4178)

Known Issues and Limitations

- N/A

Installation

Install the HotFix

Prerequisites
• The Analyst 1.7.3 HotFix 3 is installed.

Note: If SCIEX 5500+ systems with ICB-5 do not have the Analyst 1.7.3 HotFix for 5500+ Configuration installed, then we recommend that the Analyst 1.7.3 HotFix for 5500+ Configuration is installed first. Then update the configuration table before the installation of Analyst 1.7.3 HotFix for ICB-5 Firmware. For information on how to install and update the configuration table, refer to the *Analyst 1.7.3 HotFix for 5500+ Configuration Release Notes*.

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 1.7.3 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 `Analyst1.7.3HF-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 QIL0102.

The configuration tables have not changed. For information about configuration tables, refer to the documents: *Analyst 1.7.3 HotFix 3 Release Notes* and *Analyst 1.7.3 HotFix for 5500+ Configuration Release Notes*.

1. Browse to the `C:\Program Files (x86)\ Analyst\Firmware\ConfigUpdater` folder, and then double-click `ConfigUpdater.exe`.
   The Firmware/Configuration Table Update Program page opens.

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

2. Select the **Ethernet** interface, and then click **OK**.

   The ConfigUpdater utility opens and then identifies the new firmware version to install.

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

3. Click **Next**.

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 `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` is shown.

7. Click **Cancel** to close the utility.

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 1.7.3 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 1.7.3 HotFix for ICB-5 Firmware. Not applicable to SCIEX 5500+ systems: To install the compatible firmware (QIL0101), run the ConfigUpdater utility installed by the Analyst 1.7.3 HotFix 3.

SCIEX 5500+ systems: If the HotFix must be removed, then first remove Analyst 1.7.3 HotFix for ICB-5 Firmware. To install the compatible firmware (QIL0101), run the ConfigUpdater utility that was updated with the Analyst 1.7.3 HotFix for 5500+ Configuration. The system goes back to the Analyst 1.7.3 HotFix for 5500+ Configuration. To remove Analyst 1.7.3 HotFix for 5500+ Configuration, refer to the document: *Analyst 1.7.3 HotFix for 5500+ Configuration Release Notes*.

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 1.7.3 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 folder
   `C:\Program Files (x86)\ Analyst\Firmware\ConfigUpdater`, and then double-click `ConfigUpdater.exe`.
   The Configuration Table Update Program page opens.

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

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2. Select the **Ethernet** interface, and then click **OK**.

   The ConfigUpdater utility opens and then identifies the new firmware version to install.

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

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3. Click **Next**.

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 `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` is shown.

7. Click **Cancel** to close the utility.
   The system goes back to the configuration supported by Analyst 1.7.3 HotFix 3, with or without the Analyst 1.7.3 HotFix for 5500+ Configuration.

Changed and Added Files

The Analyst 1.7.3 HotFix for ICB-5 Firmware makes changes to these folders that are in the `C:\Program Files (x86)` folder.

Analyst\Firmware

- `QIL0102` (added)

Analyst\Firmware\ConfigUpdater

- `UpdateConfig.ini` (updated)

Analyst\Help

- *Analyst 1.7.3 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**

Contact Us

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Customer Training

- Global: sciex.com/contact-us

Online Learning Center

- SCIEX Now Learning Hub

SCIEX Support

SCIEX and its representatives have a global staff of fully-trained service and technical specialists. They can supply answers to questions about the system or any technical issues that might occur. For more information, go to the SCIEX website at sciex.com or use one of the links that follow to contact us.

- sciex.com/contact-us
- sciex.com/request-support

Cybersecurity

For the latest guidance on cybersecurity for SCIEX products, visit sciex.com/productsecurity.

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.

Note: To request a free, printed version of this document, contact sciex.com/contact-us.

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