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Release Notes

SCIEX PA 800 Plus Driver • December 2022

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1 Introduction

The SCIEX PA 800 Plus Driver supports SCIEX PA 800 Plus Systems connected through GPIB (IEEE-488) using National Instruments drivers. This software release is intended for use in conjunction with Chromeleon 7.2.10 MUd and later and localization is only provided for English.

2 Scope of this Document / Other Resources

The Release Notes describe the main features of this driver. If you require further information, for example, about installation, first steps, or troubleshooting, refer to one of the documents listed below.

Installation Guide	Gives step-by-step instructions for installing and configuring the SCIEX PA 800 Plus driver.
Quick Start Guide	Describes the basic operation of the SCIEX PA 800 Plus Driver. Provides step-by-step instructions on how to control instruments and acquire data from HPLC and IC modules supported by the SCIEX PA 800 Plus Driver.
Chromeleon 7 Quick Start Guide	Describes the basic operation of Chromeleon 7. Functionality that is available with the SCIEX PA 800 Plus Driver is the Instrument Configuration Manager, the Instrument Method Wizard/Editor and the Instrument View.
Chromeleon 7 Online Help	Provides general information and help regarding the various options in SCIEX PA 800 Plus Driver which are shared with Chromeleon 7.

Tip: The Chromeleon 7 PDF documents are available from the Windows start menu via Start -> Thermo Chromeleon 7 -> Documents.

3 Product Features

Features of SCIEX PA 800 Plus Driver are as follows,

1. GPIB based communication support for SCIEX PA 800 Plus Systems.
2. Instrument configuration for a PDA, UV or LIF detector.
3. Simulation Mode
4. Symbol Table properties and commands for PDA, UV and LIF detector.
5. Instrument Method for PDA, UV and LIF detector settings.
6. Sequence creation with Rack View layout for selection of inlet vial position.
7. Vial increment support for sample-blocks with identical methods.
8. ePanels for instrument control/overview and LIF calibration.
9. Ready checks: Semantic, Sequence/Queue and Manual
10. Sequence / Queue run and abort.

Note: When using Vial increment support, the position in the sequence is not updated for each increment. E.g. if SI:A1 with an increment of one is used, all injections will show SI:A1 as the position. The actual position used will be shown in the Audit Trail for the injection.

4 Compatibility

This release of the SCIEX PA 800 Plus Driver will work on Chromeleon 7.2.10 MUd and later (see driver installation guide for details).

The supported firmware version of the SCIEX PA 800 Plus system is 10.2.5-R

The driver was validated and tested with the SCIEX PA 800 Plus system

5 Known Limitations

This release has the following issues and limitations:

5.1 Equilibration is not supported

5.2 Skipping blank injection.

The method option for skipping an injection in a blank run has no effect. A workaround is to inject the solvent

5.3 Instrument Configuration Report












The instrument configuration report will show the instrument information compressed onto one line.

5.4 Online Help

No online help is provided with this version.

5.5 Chromeleon Station IQ

Following installation the Chromeleon Station IQ will show 11 warnings as follows:

Warnings	
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\DriverCert.xml: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\PA800Plus.bmp: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\PA800Plus.dll: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\PA800PlusConfig.dll: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\PA800PlusResources.dll: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\PA800PlusResources.dll.config: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\1\Drivers\SCIEX\PA800Plus\SCIEXCE.dll: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\2\Drivers\SCIEX\PA800Plus\Dionex.DDK.V2.PA800Plus.EditorPlugIn.dll: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\2\Drivers\SCIEX\PA800Plus\DriverCert.xml: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\2\Drivers\SCIEX\PA800Plus\PA800PlusResources.dll: The file was not installed by any of the known packages.
	C:\Program Files (x86)\Thermo\Chromeleon\Bin\DDK\2\Drivers\SCIEX\PA800Plus\PA800PlusResources.dll.config: The file was not installed by any of the known packages.

5.6 Instrument IQ and OQ

The instrument IQ and OQ will need to be performed on installation by a SCIEX engineer using 32 Karat software.

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