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## Release Notes

PA 800 Plus Driver • October 2023

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## 1 Introduction

The 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 MUF 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.

<b>Installation Guide</b>	Gives step-by-step instructions for installing and configuring the PA 800 Plus driver.
<b>Quick Start Guide</b>	Describes the basic operation of the 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 PA 800 Plus Driver.
<b>Chromeleon 7 Quick Start Guide</b>	Describes the basic operation of Chromeleon 7. Functionality that is available with the PA 800 Plus Driver is the Instrument Configuration Manager, the Instrument Method Wizard/Editor and the Instrument View.
<b>Chromeleon 7 Online Help</b>	Provides general information and help regarding the various options in 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 New and Updated Product Features

New and Updated Features of PA 800 Plus Driver version 1.1 are as follows,

1. ePanel improvements to allow raising/lowering of the inlet/outlet trays and remove spurious information.
2. The driver automatically disconnects if a detector mismatch is found.
3. Absorbance is now stored as mAU.
4. Device and channel names are now checked for too many or invalid characters.
5. Blank runs are now possible.

**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 PA 800 Plus Driver is compatible with Chromeleon 7.2.10 MUF and later MUs, as well as 7.3.1 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 Upgrade from previous version

Due to a change from .NET 3.5 to .NET 4.x

### 5.2 Equilibration is not supported

### 5.3 Online Help

No online help is provided with this version.

### 5.4 Instrument IQ and OQ

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



## 6 Resolved Issues

This chapter describes all issues that have been resolved with the release of the PA 800 Plus Driver. If an issue is not listed here, it has not been resolved with this software update.

The numbers in the first column of the table below refer to the Da Vinci tracking IDs.

ID	Description
11841	ePanel LIF Calibration: Several buttons would not work if the device name was changed.
11806	Method Editor > UV Detector Page: Filter dropdown-list would be disabled when name of Channel1 is changed to something other than "Absorbance_1".
11790	Method Editor > Time Program Page: Method Check would always fail when Wait (system) command condition was changed.
11789	Method Editor > Time Program Page: Separate command would not fit the default detail panel size.
11776	The connection failure message was not clear about which device had not connected.
11755	Method Editor would raise error about missing Wait-command when multiple conditions were specified.
11754	Method Editor > Time Program Page did not fit the default window-size.
11753	The Configuration report layout was missing line breaks.
11733	Blank run: When in command Inject, parameter Blank=Skip, Injection would not be skipped.
12088	Configuration: Default channel name Cartridge_Temperature_Channel was too long. The 2 temperature channels were changed to Cartridge_Temp_Channel and Storage_Temp_Channel.
12303	Data acquisition: The complete set wavelength range was not acquired for the spectrum.
12310	Method Editor: Time program command PA800Plus.Wait parameter name column was too narrow.
12312	Method Editor > Time Program page: Some command parameter descriptions would contain "\n"
12314	Method Editor > Time Program page: Description of parameter Inject_Duration in command Inject mentions time vs pressure table, which is not displayed. The reference was removed.
12345	Configuration: Serial Number would not display the complete serial number.
12529	A default method would not pass method validation.

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