

Varian Modular HPLC System Galaxie™ Driver Late Breaking News

Varian Modular HPLC System Galaxie Driver, part number 8510253600

Varian Modular HPLC installation, release 100C

Contains:

Varian Modular HPLC Galaxie Driver version number: 1.0.0.23

Varian Modular HPLC IMS Service version number: 1.0.0.23

Varian Modular HPLC User Configurator version number: 1.0.1.0

Release date: September 2009

Note To successfully install and execute the Varian Modular HPLC Galaxie Driver, Galaxie version 1.9.302.530 SP2b and IMS.exe version 1.9.302.799 need to be installed.

Compatible Operating Systems

The Varian Modular HPLC Galaxie Driver is supported on Microsoft™ Windows™ XP operating system with at least Service Pack 2 and Windows Vista Service Pack 1.

System Requirements

When running the Galaxie Chromatography Software, a computer with a minimum of 1 GB of RAM and a processor speed of greater than 2.8 GHz is recommended.

See the Varian, Inc. Web site under 'Chromatography Data Systems' to check the system requirements for Varian Galaxie SP2b.

Known Problems

Varian Modular HPLC System Galaxie Driver

Problem: When using the MIB850 Analogue channel (A or B) as the input to the fraction collector, the Level and Slope triggers are wrong.

Workaround: Problem to be addressed in the next release.

Problem: If a run fills all available tubes in the fraction collector racks it will properly terminate the run, however a subsequent run generates a spurious fraction collector error.

Workaround: Problem to be addressed in the next release.

Problem: When the diode array is selected to be the synchronization trigger for a manual injector, the system does not wait for the injector arm to be moved and starts a run immediately.

Workaround: Two other functioning synchronization mechanisms are available:

- Software button press
- Pump/injection trigger on 210/218 and SD-1 modules

Problem: Clearing the checkbox of a system containing a 500 CVM module causes an unrecoverable Galaxie crash requiring the computer to be restarted.

Workaround: Problem to be addressed in the next release.

Problem: If the runtime of a 325 detector is extended when near to the method defined end time, it is possible to receive a hardware error response.

Workaround: Ensure that end time extension commands are given minutes earlier than the method defined end time. Problem to be addressed in the next release.

Problem: When enabled with an SD-1 pump, the MIB800 Analogue Input Channel initially displays "Data Voltage =0"

Workaround: Problem to be addressed in the next release.

Instrument Management System (IMS)

Problem: The leak test displays the results in $\mu\text{L}/\text{min}$. It should be psi/min .

Workaround: The wording will be changed in the next version of the software; it does not affect the results.

Problem: The Cell Ratio Test for the 325 detector does not give correct results.

Workaround: The cell ratio can be determined from documentation provided with the flow cell or by using the LC Verify service software.

Problem: The IMS Detector (325/335) Refractive Index Test occasionally reports:

'Detector Error MST_CC_RUNTIME_LESS_THAN_PREVIOUS_LINE'
and then aborts the test.

Workaround: Problem to be addressed in the next release.

Problem: Pump counters in IMS do not count actual hardware events. Counters add elapsed time only.

Workaround: Problem to be addressed in the next release.

User Configuration Tool

Problem: When configuring a new system with an MIB850 and SD-1 pump, on system startup the 325 UV-Vis detector reports a hardware error 'Detector error 41881: too long between reads'. This is a benign error, which is resolved once the 325 UV-Vis detector receives a signal from the MIB850.

Workaround: Problem to be addressed in the next release.

Note When using the Galaxie driver and IMS, there is up to a 3 second delay in some instances before the requested action is performed. During this time, it is recommended that you do not click the button or action again, as this may lead to errors or unintentional actions.

To report any undocumented software problems, or to suggest improvements to the software, please contact your local Varian representative or e-mail:

customercare@varianinc.com

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