Agilent OpenLAB Chromatography Data System (CDS) EZChrom Edition

Thermo Surveyor, Accela LC Instrument Control Add-on 4.1.3.0

Data Sheet

Agilent OpenLAB CDS uses an open systems approach to integrate instruments from different manufacturers into a single environment. This protects an organization's investment in their analytical laboratory instruments, data and knowledge, and reduces training and operating costs.

Agilent M8236AA "Thermo Surveyor/Accela LC Instrument Control" is a software add-on for Agilent OpenLAB CDS EZChrom Edition. It enables full instrument control and data acquisition for the Thermo Accela and Surveyor series of Liquid Chromatographs from Thermo Fisher Scientific in Agilent OpenLAB CDS EZChrom Edition.

This driver is based on Agilent's Rapid Control (RC.NET) driver technology, an emerging de-facto standard for interfacing instruments into Chromatography Data Systems.

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Supported Modules

Instrument	Supported Firmware Version	Communication Interface
Surveyor Autosampler	2.15	Ethernet
Surveyor LC Pump (Version 2)	2.01	Ethernet
Surveyor UV/Vis	3.12	Ethernet
Surveyor PDA/PDA Plus	2.01	Ethernet
Accela Autosampler	2.15	Ethernet
Accela LC Pump	12.47c	USB
Accela PDA	2.02	Ethernet

Due to a limitation in a software component from Thermo Fisher Scientific, only 1 Thermo Surveyor or Thermo Accela LC is supported per OpenLAB acquisition computer.

Please note that the following Thermo Accela LC modules are not supported:

- Accela Pump 600, Accela Pump 1250
- Accela UV/VIS detector
- Accela PDA/80Hz

OpenLAB CDS Software Requirements

- The Thermo Accela/Surveyor LC Control Add-On is supported on OpenLAB CDS EZChrom Edition A.04.04, A.04.05, A.04.06, A.04.07.

Supported Languages

- English

Note: The Driver supports English Language only. For Local Settings, the driver has been fully validated for English (US) system local settings and is also supported with any system locale settings.

Supported Topologies

- OpenLAB CDS EZChrom Edition: Workstation, Networked Workstation, Distributed Systems
- Requires dedicated network interface card to set up a separated, local network for the Thermo LC.
- Only one Thermo Surveyor or Accela LC instrument is supported per OpenLAB CDS acquisition computer. Only one Surveyor or one Accela LC stack can be controlled through one AIC at any given time.
- The Accela pump is interfaced via USB and requires a close set up to the system, otherwise a USB-LAN converter has to be used. This can be set up at customers own risk.
- Physical AICs are highly recommended to control the Thermo Accela/Surveyor LC.
- Installations of the Driver on virtual machines (e.g. VMWare) are supported in principle. Please contact Agilent's Professional Services Team if virtualized deployment is planned.

Operating System Requirements

The Thermo Fisher Scientific Surveyor/Accela LC Control Add-On, Revision 4.1.3.0 is supported only on following operating system versions:

- Windows 7 Service Pack 1 Enterprise 32 Bit and 64 Bit
- Windows 8 Enterprise 64 Bit
- Windows Server 2013 R2 64 Bit

Note: For specific operating system requirements of OpenLAB CDS, refer to the OpenLAB CDS Software and Hardware Requirements Guide.

Instrument Requirements

- For minimum firmware requirements and the compatibility list, refer to the OpenLAB CDS Supported Instruments and Firmware Guide. It is expected that the instrument has been installed and prepared according to the manufacturer's guidelines.

- For specific hardware requirements, refer to the OpenLAB CDS Software and Hardware Requirements Guide.

Ordering Information

Part Number	Description	Notes
M8236AA	Thermo Surveyor/Accela LC Instrument Control License for OpenLAB CDS	1 license per Thermo LC instrument
M8300AA	Non-Agilent Instrument Connection License	1 license per Thermo LC instrument

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