



Agilent Technologies, Inc.

Agilent GC Drivers A.03.02.019

Release Notes

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What's' New in Agilent GC Drivers Version A.03.02.019

Added support for:

Agilent 8355 Sulfur (G3488A) and 8255 Nitrogen (G3489A) Chemiluminescence Detectors.

OpenLAB CDS 2.0 (A.03.02.019 included with the platform)

Instrument Control Framework (ICF) (A.02.03 Update 2)

Defects Resolved:

78xx GC Driver

Issue Id	KPR No.	Title
248441	323	Sample Prep steps of previous method are included in printout of methods saved from SP methods, if checked but no steps are specified
249292	324	A.04.07 does not delete previous open GC method event table when load method. Wrong injections can be created.
251375	325	Method download to GC while in sequence causes it to disconnect and sequence stops.
251838	326	7890 method print doesn't include post run time
254224	335	Crash of Software after check "Show Threshold Value as remaining time" in EMF options.

Supported Platforms

OpenLAB CDS ChemStation Edition (C.01.07, C.01.06, C.01.05)

OpenLAB CDS EZChrom Edition (A.04.07, A.04.06, A.04.05)

EZChrom Elite (3.3.2 SP2)

GC/MS MassHunter Acquisition (B.07.04, B.07.03, B.07.02)

Multi-Technique ChemStation (B.04.03 SP2)

Instrument Control Framework (ICF) (A.02.03 Update 2)

Supported Agilent GC Hardware

Note: Communication is handled via LAN, unless stated otherwise.

	Module type	Inlets	Detectors
7890B & 7890A+	G3440B	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB, XCD
	G3442B	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB, XCD
	G3443B	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB, XCD
	G3445B	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB, XCD
7890A	G3440A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB
	G3442A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB
	G3443A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB
G3445A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,	
	PCM, VI, MMI, HT-PTV	μECD, Dual W FPD, AIB	
7820	G4350A	S/S, P/P	TCD, FID, NPD, μECD
6890A	G1530A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI	μECD, Dual W FPD, AIB
	G1540A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI	μECD, Dual W FPD, AIB
6890Plus	G1530A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI	μECD, Dual W FPD, AIB
	G1540A	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI	μECD, Dual W FPD, AIB
6890N	G1530N	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI	μECD, Dual W FPD, AIB
	G1540N	S/S, P/P, COC, PTV,	TCD, FID, NPD, FPD ECD,
		PCM, VI	μECD, Dual W FPD, AIB
6850	G2630A	S/S, P/P, COC, PTV	TCD, FID, FPD, uECD,
			AIB
	G2630B	S/S, P/P, COC, PTV	TCD, FID, FPD, uECD,
			AIB

Note: All available GC valves are supported.

GC AutoSampler and Tray Compatibility

Note: Communication for GC samplers and trays is handled through the GC.

	Hardware	Module type
7890 Series	7693A	G3430A GC ALS Controller
		G4513A Injector
		G4514A Tray
		G4515A BCR/Mixer
		G4521A LVI Syringe Carriage
		G4522A Cooling Accessory
		G4520A Tray with BCR/Mixer
	7683A	G2613A Injector
		G2614A Tray
		G2615A BCR/Mixer
	7683B	G2913AInjector
		G2614ATray
		G2615ABCR/Mixer
	7650	G3430A GC ALS Controller
		G4567A Injector
7820 Series	7693	G3430A GC ALS Controller
		G4513A Injector
	7650	G3430A GC ALS Controller
		G4567A Injector
6890	7693	G4516A ALS Controller
		G4513A Injector
		G4514A Tray
		G4515A BCR/Mixer
		G4517A 6890 Plus ALS Card
		G4521A LVI Syringe Carriage
		G4522A Cooling Accessory
		G4520A Tray with BCR/Mixer

ALS Continued

	Hardware	Module type
6890 (cont.)	7683B	G2912A ALS Controller
		G4516A ALS Controller
		G2913A Injector
		G2614A Tray
		G2916A Tray
		G2615A BCR/Mixer
	7683A	G2612A ALS Controller
		G4516A ALS Controller
		G2613A Injector
		G2614A Tray
		G2615A BCR/Mixer
	7673C	G1512A ALS Controller
		G1513A Injector
		18596C Tray
		G1926A BCR/Mixer
	7673B	18593B Injector
		18596B Tray
		G2615A BCR/Mixer
6850	7683B	G2613A Injector
	7693	G4513A Injector
	6850	G2880A Injector

7697A Headspace Compatibility

Note: Communication is handled via LAN.

	Module type
7697A	G4556A
7697A	G4557A
G1888A	Headspace

Agilent GC Firmware Interoperability and Support Statements

Agilent releases GC firmware updates independently of software releases.

All Agilent GC instrument driver revisions have been designed to be backward compatible to the installed instrument base.

Agilent recommends always using the latest module firmware revision in order to provide the highest level of system capability.

Impact Analysis

A Driver update changes the part of the Chromatographic Data System that is responsible for instrument control. The Agilent Software Development Lifecycle includes extensive quality test of all new software features as well as regression tests for existing functionality. Therefore, driver upgrades are considered to be of low risk.

Upgrading Agilent GC Drivers to version A.03.02.019 does not require revalidation or requalification of the platform software or connected GC instruments. Customers can always request requalification but for this release it is not required.