

Agilent OpenLAB Instrument Control Manager

Supported Instrument Hardware and Firmware

This document contains the supported firmware versions for Agilent OpenLAB revisions. To view the supported hardware and firmware for your version of Agilent OpenLAB ICM, click one of the links listed below. The current (most recent released version) is listed first.

[Agilent OpenLAB Version 3.3.2](#)

[Agilent OpenLAB Version 3.3.1](#)

[Agilent OpenLAB Version 3.3.0](#)

Supported Firmware for Agilent OpenLAB

3.3.2 Options CD1

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions for OpenLAB
Note: The firmware versions listed below have been verified to work with Agilent OpenLAB and are a minimum version of firmware required. Consult with the instrument manufacturer for compatibility of new or updated firmware with the versions listed.				
Agilent 5890 GC				
	5890 Series II GC	GPIOB / Solo RS-232 / Combo RS-232	Yes	A.03.01
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	Yes	N/A
	TCD, FID, NPD, ECD	(Through GC)	Yes	N/A
	7673A (G1513A) with G1512A or 18593A/B controller	GPIOB / Solo RS-232 / Combo RS-232	Yes	A.09.15
	7694B	Serial	Yes	1.05
	G1888A	RS-232 or TCP/IP	Yes	A.01.03
	EPC	(Through GC)	Yes	N/A
Agilent 6850 GC				
	6850 GC	RS-232 / LAN (IP) / LAN (Host)	Yes	A.05.04
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	Yes	N/A
	FID, TCD	(Through GC)	Yes	N/A
	7683A (G2613A)	(Through GC)	Yes	A.10.07
	7683B (G2913A)	(Through GC)	Yes	A.11.02
	7694B	Serial	Yes	1.05
	G1888A	RS-232 or TCP/IP	Yes	A.01.03
	G2880A	(Through GC)	Yes	A.10.05
	Valves	(Through GC)	Yes	N/A
	Valves, EPC	(Through GC)	Yes	N/A
Agilent 6890 GC				
	6890, 6890 Plus, 6890N	GPIOB / RS-232 / LAN (IP) / LAN (Host)	Yes	A.03.08, N.05.04
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	Yes	N/A
	TCD, FID, NPD, ECD	(Through GC)	Yes	N/A
	7673A (G1513A)	(Through GC)	Yes	A.09.15
	7683A (G2613A)	(Through GC)	Yes	A.10.07
	7683B (G2913A)	(Through GC)	Yes	A.11.02
	7694B	Serial	Yes	1.05
	G1888A	RS-232 or TCP/IP	Yes	A.01.03
	PCM Board	(Through GC)	Yes	N/A
	Dual Tower, Valves, EPC	(Through GC)	Yes	N/A
Agilent 7890 GC				
	7890A GC	LAN (IP)	Yes	A.01.02
	FID, TCD, uECD, FPD, NPD, SCD, NCD, AED, PFPD, PID, ELCD, DID	(Through GC)	Yes	A.01.02
	Split/splitless, PPIP, COC, COC-SVE, PTV, VI, Hi-temp PTV PCM, High-pressure gas sample, LPG Direct, Temp-programmable precolumn inlets	(Through GC)	Yes	A.01.02
	7683A (G2613A) ALS	(Through GC)	Yes	A.10.07
	7683B (G2913A) ALS	(Through GC)	Yes	A.11.02
	G1888A Headspace sampler	(Through GC)	Yes	A.01.03
	7694B Headspace sampler	Serial	Yes	1.05
Agilent Micro GC				
	HP MicroGC Standard	RS-232	Yes	C0.02.12 or D0.02.08
	HP MicroGC Quad	RS-232 (2 ports req'd)	Yes	C0.02.12 or D0.02.08
	3000 MicroGC	LAN	Yes	C0.02.12 or D0.02.08
Agilent LC				
	(None)	GPIOB / LAN (IP) / LAN (Host)	Yes	
	G1310A, G1311A, G1312A	(CAN Cable)	Yes	A.6.04
	G1316A	(CAN Cable)	Yes	A.6.04
	G1313A, G1329A,B	(CAN Cable)	Yes	A.6.04
	G1367A, G1377A, G1389A	(CAN Cable)	Yes	A.6.04
	G1314A	(CAN Cable)	Yes	A.6.04
	G1365A & G1365B	(CAN Cable)	Yes	A.6.04
	G1365C	(CAN Cable)	Yes	B.01.06
	G1315A & G1315B	(CAN Cable)	Yes	A.6.04
	G1315C	(CAN Cable)	Yes	B.01.06

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions for OpenLAB
Agilent LC (con't)				
	G1321A	(CAN Cable)	Yes	A.6.02
	G1362A	(CAN Cable)	Yes	A.6.02
	G1312B	(CAN Cable)	Yes	A.6.04
	G1367B, G1367C	(CAN Cable)	Yes	A.6.04
	G1316B	(CAN Cable)	Yes	A.6.04
	G1314B, G1314C	(CAN Cable)	Yes	A.6.04
Alcott LC Autosamplers				
	Alcott 708, 718, 719	RS-232	Not Supported	
Alltech Associates LC Detectors				
	ELSD-2000	RS-232C (SS420X also required)	Yes	
	CD-650	RS-232C (SS420X also required)	Yes	1.01.02
CTC Analytics Autosamplers				
	CombiPAL, GC-PAL, LC-PAL, HTS-PAL, HTC-PAL	RS-232	Yes	2.2.4
ESA Detectors				
	Corona CAD and Coulochem III (5300) ECD	RS-232C (SS420X also required)	Not Supported	
ESA LC				
	582 Isocratic, 582 Dual	USB	Not Supported	
	542	USB	Not Supported	
	Coulochem II (5200) ECD, 526 UV, 528 UV-Vis, 530 Fluorescence	RS-232C (SS420X also required)	Not Supported	
Hitachi La Chrom LC				
	System D-Line controller	GPIOB	Yes	
	D7000	(through controller)	Yes	810-7014-00
	L7100	(through controller)	Yes	810-7810-00
	L7200, L7250	(through controller)	Yes	810-8300-04 (L7200)
	L7300	(through controller)	Yes	810-7760-03
	L7400	(through controller)	Yes	810-8200-04
	L7420	(through controller)	Yes	810-8250-02
	L7450	GPIOB	Yes	
	L7455	GPIOB	Yes	810-4853-01
	L7480	(through controller)	Yes	810-8100-02
	L7485	(through controller)	Yes	810-7064-01
Hitachi La Chrom Elite LC				
	L-2100	USB	Not Supported	
	L-2130	USB	Not Supported	
	L-2200	(Daisy Chained)	Not Supported	
	L-2300	(Daisy Chained)	Not Supported	
	L-2350	(Daisy Chained)	Not Supported	
	L-2400	(Daisy Chained)	Not Supported	
	L-2420	(Daisy Chained)	Not Supported	
	L2450	(Daisy Chained)	Not Supported	
	L-2455	(Daisy Chained)	Not Supported	
	L2480	(Daisy Chained)	Not Supported	
	L-2485	(Daisy Chained)	Not Supported	
	L-2490	(Daisy Chained)	Not Supported	
	AID	(Daisy Chained)	Not Supported	
Hitachi Amino Acid Analyzer				
	L-8800A	GPIOB	Not Supported	
	L-8900A	USB	Not Supported	

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions for OpenLAB
PerkinElmer Nelson Interfaces				
	940, 941A	RS-232	Yes	2.3
	760	GPIB	Not Supported	N/A
	950/950A	GPIB	Yes	2.7
	960/960A 970/970A	GPIB	Yes	2.4
	NCI 901/902	GPIB	Yes	3.4
PerkinElmer Series 200 LC				
	Series 200, ISS-200 Autosampler	RS-232	Yes	
	Series 200 pump	RS-232	Yes	
	Series 200 detector	RS-232	Yes	
PerkinElmer Autosystem				
	Autosystem	RS-232	Yes	1.8
	Capillary	(Through GC)	Yes	N/A
	FID, ECD, TCD	(Through GC)	Yes	N/A
PerkinElmer Autosystem XL				
	Autosystem XL	RS-232	Yes	3.660
	Capillary, Programmable On-Column - Inlet Pgm Mode, Programmable On-Column - Oven Track Mode, Programmable Split/Splitless - Inlet Pgm Mode, Programmable Split/Splitless - Oven Track Mode	(Through GC)	Yes	N/A
	FID, ECD, TCD	(Through GC)	Yes	N/A
	PPC	(Through GC)	Yes	3.70
	XL Autosampler	(Through GC)	Yes	2.24
Shimadzu GC-2010				
	GC2010	RS-232 or TCP/IP	Yes	1.112
	SPL, PTV, OCI, WBI	(Through GC)	Yes	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	(Through GC)	Yes	N/A
	AOC-20i - 6, AOC-20i-12	(Through GC)	Yes	1.800
	AOC-20D	(Through GC)	Yes	N/A
	AOC-20S	(Through GC)	Yes	N/A
	AOC-5000	RS-232	Yes	2.4.0
	Cryogenics, Valves	(Through GC)	Yes	N/A
Shimadzu GC-17				
	GC 17A Vers. 1, 2, 3 and AH	RS-232	Yes	3.15
	SPL, PTV, OCI, WBI	(Through GC)	Yes	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	Analog Acquisition (needs SS420x)	Yes	N/A
	AOC-20i - 6, AOC-20i-12	RS-232	Yes	N/A
	AOC-20D	RS-232	Yes	N/A
	AOC-20s	RS-232	Yes	N/A
	AOC-5000	RS-232	Yes	2.4.0
	Cryogenics, Valves	(Through GC)	Yes	N/A
Shimadzu GC-14				
	GC-14A	RS-232	Yes	2.11
	GC-14B	RS-232	Yes	3.1
	GC-14AH	RS-232	Yes	
	SPL, PTV, OCI, WBI	(Through GC)	Yes	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	Analog Acquisition (needs SS420x)	Yes	N/A
Shimadzu GC-14 (con't)				
	AOC-20i - 6, AOC-20i-12	RS-232	Yes	N/A
	AOC-20D	RS-232	Yes	N/A
	AOC-20s	RS-232	Yes	N/A
	AOC-5000	RS-232	Yes	2.4.0
	Cryogenics, Valves	(Through GC)	Yes	N/A
Shimadzu GC-2014				
	GC-2014	RS-232 or TCP/IP	Not Supported	
	FID, DFID, FTD, FPD, ECD, TCD-L	(Through GC)	Not Supported	
	WBI/OCI, SPL/PTV, DINJ, SINJ	(Through GC)	Not Supported	
	AOC-20i	(Through GC)	Not Supported	
	AOC-5000	(Through GC)	Not Supported	
	Additional heater unit	(Through GC)	Not Supported	
	Additional flow unit	(Through GC)	Not Supported	

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions for OpenLAB
Shimadzu LC-20A (Prominence LC)				
	DGU-20A3, DGU-20A5	(through controller)	Yes	N/A
	FCV-LPGE	(through controller)	Yes	N/A
	CTO-20A, CTO-20AC	(through controller)	Yes	1.0
	SPD-20A, SPD-20AV	(through controller)	Yes	1.0
	SPD-M20A	TCP/IP	Yes	1.05
	CBM-20A, CBM-20ALite	RS-232 or TCP/IP	Yes	1.02
	CBM-20A, CBM-20ALite	RS-232 or TCP/IP	Yes	1.02
	SIL-20A, SIL-20AC	(through controller)	Yes	1.0
	LC-20AT, LC-20AD, LC-20AB	(through controller)	Yes	1.0
Shimadzu LC-10Avp				
	SCL-10Avp	RS-232, SCSI or TCP/IP	Yes	5.42
	Sub-controller VP	(Through SCL)	Yes	5.2
	OPBOXL	(Through SCL)	Yes	5.2
	LC-6AD	(Through SCL)	Yes	1.4
	LC-8A	(Through SCL)	Yes	1.5
	LC-10AD, LC-10Ai, LC-10AS, LC-10AT	(Through SCL)	Yes	3.1
	LC-10ADvp	(Through SCL)	Yes	5.27
	LC-10ATvp	(Through SCL)	Yes	5.27
	SIL-10A, SIL-10Ai	(Through SCL)	Yes	3.5
	SIL-10Axl	(Through SCL)	Yes	3
	SIL-10ADvp	(Through SCL)	Yes	5.32
	SIL-10AF, SIL-10AL, SIL-10AP	(Through SCL)	Yes	4
	SIL-HTa, SIL-HTc	(Through SCL)	Yes	6.02
	SIL-5000	RS-232	Yes	2.4.0
	CTO-10AVP, CTO-10ACVP, CTO-10ASVP	(Through SCL)	Yes	5.24
	CTO-10AC	(Through SCL)	Yes	3.0
	SPD-10A, SPD-10Ai, SPD-10AV, SPD-10AVi	(Through SCL)	Yes	3.0
	SPD-10Avp, SPD-10AVvp	(Through SCL)	Yes	5.24
	RF-10A	(Through SCL)	Yes	3
	RF-10AXL	(Through SCL)	Yes	3.21
	RID-10A	(Through SCL)	Yes	3.13
	CDD-10Avp	(Through SCL)	Yes	1
	ELSD-LT, ELSD-LTII	(Through SCL)	Yes	30
	SPD-M10Avp	SCSI	Yes	3.312
	FRC-10A	(Through SCL)	Yes	3.3
	FCV-10AL, FCV-10ALvp, FCV-11AL, FCV-11ALS, FCV-15AL, FCV-LPGE	(Through SCL)	Yes	N/A
	FCV-12AH, FCV-13AL, FCV-14AH	(Through SCL)	Yes	N/A
Shimadzu LC-2010				
	LC-2010-A, LC-2010C	RS-232 or TCP/IP	Yes	1.03
	LC-2010AHT	RS-232 or TCP/IP	Yes	3.01
Thermo Scientific 9001 GC				
	Finnigan 9001	RS-232	Not Supported	
	FID, ECD, TCD, NPD, FPD, PID, DID, Hall	(Through GC)	Not Supported	
Thermo Scientific GC 8000				
	GC8000 Top	RS-232	Not Supported	
	FID, ECD-850, NPD	1st Det. through GC, add'l det.s via Analog Acquisition (needs SS420x)	Not Supported	
Thermo Scientific Trace GC				
	Trace GC, Trace GC Ultra	RS-232 or TCP/IP	Not Supported	
	Split/Splitless, HOTOX, On Column, LV On Column, Packed Purge Packed	(Through GC)	Not Supported	
	FID, ECD, NPD, TCD, FPD, PID, PDD, FID-X, ECD-X, NPD-X, FPD-X, PID-X, PDD-X, Hall-X	(Through GC)	Not Supported	
Thermo Scientific Focus GC				
	Focus GC	RS-232 or TCP/IP	Not Supported	
	Split/Splitless, Purge Packed	(Through GC)	Not Supported	
	FID, TCD, FID-X, ECD-X, NPD-X, FPD-X, PID-X, PDD-X, Hall-X	(Through GC)	Not Supported	

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions for OpenLAB
Thermo Scientific GC Autosamplers				
	TriPlus	RS-232 or LAN	Not Supported	
	AI/AS-3000, AS2000, AS800	RS-232 / Through GC	Not Supported	
	HS2000, HS850	RS-232 / Through GC	Not Supported	
Thermo Scientific SpectraSYSTEM				
	SN4000	RS-232	Yes	4.70, 9.05
	P1000	(Through SN4000)	Yes	4.01
	P1500	(Through SN4000)	Yes	4.02
	P2000	(Through SN4000)	Yes	4.03
	P4000	(Through SN4000)	Yes	4.04
	AS1000, AS3000	(Through SN4000)	Yes	3.31
	FL2000/3000	(Through SN4000)	Yes	3.11 or higher
	UV1000	(Through SN4000)	Yes	3.09 or higher
	UV2000	(Through SN4000)	Yes	3.12 or higher
	UV3000	RS-232	Yes	all revs
	UV6000	RS-232	Yes	RAM 1.4
Thermo Scientific Surveyor LC				
	Surveyor LC Pump	TCP/IP	Yes	2.01
	Surveyor A/S	TCP/IP	Yes	2.15
	Surveyor UV/Vis	TCP/IP	Yes	
	PDA, PDA Plus	TCP/IP	Yes	2.01
Valco Valves				
	EMHCA-CE, EMTCA-CE, EMHA-CE	RS-232	Yes	N/A
Varian CP-3800				
	CP3800	TCP/IP (BNC type)	Yes	3.3.5D
	FID, ECD, TCD, TSD, uTCD, PFPD	(Through GC)	Yes	N/A
	CP8200, CP8400, CP8410	(Through GC)	Yes	N/A
Varian 3900-GC				
	Integrated GC	TCP/IP	Yes	6.18
	Split/Splitless, On Column	(Through GC)	Yes	N/A
	FID, TCD	(Through GC)	Yes	N/A
	CP8400, CP8410	(Through GC)	Yes	N/A
Varian MicroGC				
	CP2002(P), CP2003(P)	RS-232	Not Supported	
	CP2003 Quad	2 RS-232 ports	Not Supported	
	CP-4900	RS-232 or TCP-IP	Not Supported	
Waters Alliance				
	2690 Separations Module	GPIB	Yes	1.20 or later
	2695 Separations Module	GPIB	Yes	2.0.3 or later
	2487 Dual Wavelength Absorbance Detector	GPIB	Yes	5.01
	996 PDA	GPIB	Yes	2.3 or later
	2996 PDA	GPIB	Yes	3.5 or later

Agilent OpenLAB Version

3.3.1 Options CD 4

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions
Note: The firmware versions listed below have been verified to work with Agilent OpenLAB and are a minimum version of firmware required. Consult with the instrument manufacturer for compatibility of new or updated firmware with the versions listed.				
Agilent 5890 GC				
	5890 Series II GC	GPIOB / Solo RS-232 / Combo RS-232	Yes	A.03.01
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	Yes	N/A
	TCD, FID, NPD, ECD	(Through GC)	Yes	N/A
	7673A (G1513A) with G1512A or 18593A/B controller	GPIOB / Solo RS-232 / Combo RS-232	Yes	A.09.15
	7694B	Serial	Yes	1.0
	G1888A	RS-232 or TCP/IP	Yes	A.01.03
	EPC	(Through GC)	Yes	N/A
Agilent 6850 GC				
	6850 GC	RS-232 / LAN (IP) / LAN (Host)	Yes	A.02.05, A.03.03, A.05.03
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	Yes	N/A
	FID, TCD	(Through GC)	Yes	N/A
	7683A (G2613A)	(Through GC)	Yes	A.10.07
	7683B (G2913A)	(Through GC)	Yes	A.11.02
	7694B	Serial	Yes	1.0
	G1888A	RS-232 or TCP/IP	Yes	A.01.03
	Valves	(Through GC)	Yes	N/A
	Valves, EPC	(Through GC)	Yes	N/A
Agilent 6890 GC				
	6890, 6890 Plus, 6890N	GPIOB / RS-232 / LAN (IP) / LAN (Host)	Yes	A.03.08, N.05.04
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	Yes	N/A
	TCD, FID, NPD, ECD	(Through GC)	Yes	N/A
	7673A (G1513A)	(Through GC)	Yes	A.09.15
	7683A (G2613A)	(Through GC)	Yes	A.10.07
	7683B (G2913A)	(Through GC)	Yes	A.11.02
	7694B	Serial	Yes	1
	G1888A	RS-232 or TCP/IP	Yes	A.01.03
	Dual Tower, Valves, EPC	(Through GC)	Yes	N/A
Agilent Micro GC				
	HP MicroGC Standard	RS-232	Yes	C0.02.12 or D0.02.08
	HP MicroGC Quad	RS-232 (2 ports req'd)	Yes	C0.02.12 or D0.02.08
	3000 MicroGC	LAN	Yes	C0.02.12 or D0.02.08
Agilent LC				
	(None)	GPIOB / LAN (IP) / LAN (Host)	Yes	
	G1310A, G1311A, G1312A	(CAN Cable)	Yes	A.6.04
	G1316A	(CAN Cable)	Yes	A.6.04
	G1313A, G1329A,B	(CAN Cable)	Yes	A.6.04
	G1367A, G1377A, G1389A	(CAN Cable)	Yes	A.6.04
	G1314A	(CAN Cable)	Yes	A.6.04
	G1365A & G1365B	(CAN Cable)	Yes	A.6.04
	G1365C	(CAN Cable)	Yes	B.01.04
	G1315A & G1315B	(CAN Cable)	Yes	A.6.04
	G1315C	(CAN Cable)	Yes	B.01.04
	G1321A	(CAN Cable)	Yes	A.6.02
	G1362A	(CAN Cable)	Yes	A.6.02
	G1312B	(CAN Cable)	Yes	A.6.04
	G1367B, G1367C	(CAN Cable)	Yes	A.6.04
	G1316B	(CAN Cable)	Yes	A.6.04
	G1314B, G1314C	(CAN Cable)	Yes	A.6.04
Alcott LC Autosamplers				
	Alcott 708, 718, 719	RS-232	Not Yet Supported	
Alltech Associates LC Detectors				
	ELSD-2000	RS-232C (SS420X also required)	Not Yet Supported	
	CD-650	RS-232C (SS420X also required)	Not Yet Supported	

Supported Firmware OpenLAB 3.3.1

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions
CTC Analytics Autosamplers				
	CombiPAL, GC-PAL, LC-PAL, HTS-PAL, HTC-PAL	RS-232	Not Yet Supported	2.2.4
ESA Detectors				
	Corona CAD and Coulochem III (5300) ECD	RS-232C (SS420X also required)	Not Yet Supported	
ESA LC				
	582 Isocratic, 582 Dual	USB	Not Yet Supported	
	542	USB	Not Yet Supported	
	Coulochem II (5200) ECD, 526 UV, 528 UV-Vis, 530 Fluorescence	RS-232C (SS420X also required)	Not Yet Supported	
Hitachi La Chrom LC				
	System D-Line controller	GPIB	Yes	
	D7000	(through controller)	Yes	810-7014-00
	L7100	(through controller)	Yes	810-7810-00
	L7200, L7250	(through controller)	Yes	810-8300-04 (L7200)
	L7300	(through controller)	Yes	810-7760-03
	L7400	(through controller)	Yes	810-8200-04
	L7420	(through controller)	Yes	810-8250-02
	L7450	(through controller)	Yes	
	L7455	(through controller)	Yes	810-4853-01
	L7480	(through controller)	Yes	810-8100-02
	L7485	(through controller)	Yes	810-7064-01
Hitachi La Chrom Elite LC				
	L-2100	USB	Not Yet Supported	890-8110-02
	L-2130	USB	Not Yet Supported	890-8110-02
	L-2200	(Daisy Chained)	Not Yet Supported	890-8120-03
	L-2300	(Daisy Chained)	Not Yet Supported	890-8130-02
	L-2350	(Daisy Chained)	Not Yet Supported	890-8150-00
	L-2400	(Daisy Chained)	Not Yet Supported	890-8140-02
	L-2420	(Daisy Chained)	Not Yet Supported	890-8142-00
	L2450	(Daisy Chained)	Not Yet Supported	890-8145-00
	L-2455	(Daisy Chained)	Not Yet Supported	890-8146-00
	L2480	(Daisy Chained)	Not Yet Supported	890-8148-00
	L-2485	(Daisy Chained)	Not Yet Supported	890-8149-00
	L-2490	(Daisy Chained)	Not Yet Supported	1.01
	AID	(Daisy Chained)	Not Yet Supported	890-8165-00
Hitachi Amino Acid Analyzer				
	L-8800A	GPIB	Not Yet Supported	Pump (*) 8552480-01 Autosampler 8552485-00 Column Oven 8552490-01 VIS Detector 8552495-01 (*) Pump P/N for Retrofit Option System : 8552435-00
	L-8900A	USB	Not Yet Supported	IFB 8908190-01 Pump 8525510-00 Autosampler 8908120-05 Column Oven 8525530-00 Reactor Heater 8525530-00 Cooling Unit 8908122-00 AID 8908165-00 ANNEX 8525500-00

Supported Firmware OpenLAB 3.3.1

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions
Jasco 1500/2000 LC				
	LC-Net II / ADC	LAN	Not Yet Supported	4.32
	PU-1580	(Through LC-Net II)	Not Yet Supported	2.24
	PU-1580i	(Through LC-Net II)	Not Yet Supported	2.15
	PU-1580-CO2	(Through LC-Net II)	Not Yet Supported	2.25
	PU-1585	(Through LC-Net II)	Not Yet Supported	2.17
	PU-1586	(Through LC-Net II)	Not Yet Supported	2.24
	PU-1587	(Through LC-Net II)	Not Yet Supported	2.15
	PU-2080, PU-2080i	(Through LC-Net II)	Not Yet Supported	6.2
	PU-2080-CO2	(Through LC-Net II)	Not Yet Supported	6.41
	PU-2080-100MPa	(Through LC-Net II)	Not Yet Supported	6.35
	PU-2085	(Through LC-Net II)	Not Yet Supported	6.2
	PU-2085-100MPa	(Through LC-Net II)	Not Yet Supported	6.36
	PU-2085i	(Through LC-Net II)	Not Yet Supported	6.25
	PU-2086,PU-2086-CO2	(Through LC-Net II)	Not Yet Supported	6.2
	PU-2086i	(Through LC-Net II)	Not Yet Supported	6.22
	PU-2087	(Through LC-Net II)	Not Yet Supported	6.2
	PU-2087i	(Through LC-Net II)	Not Yet Supported	6.33
	PU-2088,PU-2088-CO2	(Through LC-Net II)	Not Yet Supported	6.14
	PU-2089, PU-2089i	(Through LC-Net II)	Not Yet Supported	6.2
	AS-1550,AS-1555, AS-1555-10	(Through LC-Net II)	Not Yet Supported	1.48
	AS-1559	(Through LC-Net II)	Not Yet Supported	1.47
	AS-2050, AS-2050i, AS-2051, AS-2051i, AS-2055, AS-2055i, AS-2057, AS-2057i	(Through LC-Net II)	Not Yet Supported	6.27
	AS-2059	(Through LC-Net II)	Not Yet Supported	6.33
	AS-2059SF	(Through LC-Net II)	Not Yet Supported	6.37
	CO-2060, CO-2065	(Through LC-Net II)	Not Yet Supported	6.24
	CO-2067	(Through LC-Net II)	Not Yet Supported	6.24
	CO-1560	(Through LC-Net II)	Not Yet Supported	(Ver. A-c) 1.13 (Ver. D) 5.11
	CO-1565	(Through LC-Net II)	Not Yet Supported	(Ver. A) 1.12 (Ver. B) 5.02 (Ver. C) 5.04
	HV-2080-01, HV-1592-01	(Through LC-Net II)	Not Yet Supported	N/A
	LV-2080-03, LV-1580-03	(Through LC-Net II)	Not Yet Supported	N/A
	LG-2080-02/04, LG-1580-02/04	(Through LC-Net II)	Not Yet Supported	N/A
	UV-2070, UV-2075	(Through LC-Net II)	Not Yet Supported	6.3
	UV-1570, UV-1575	(Through LC-Net II)	Not Yet Supported	1.18
	CD-2095	(Through LC-Net II)	Not Yet Supported	6.23
	CD-1595	(Through LC-Net II)	Not Yet Supported	3.08
	FP-2025, FP-2020	(Through LC-Net II)	Not Yet Supported	6.21
	FP-1520, FP-1520s	(Through LC-Net II)	Not Yet Supported	1.41
	MD-2010, MD-2015, MD-1510, MD-1515	SCSI	Not Yet Supported	2.24
Jasco X-LC				
	3080 PU, 3085 PU	(Through LC-Net II)	Not Yet Supported	6.39
	X-LC 3067CO	(Through LC-Net II)	Not Yet Supported	6.25
	X-LC 3059AS	(Through LC-Net II)	Not Yet Supported	6.37
	X-LC 3070UV	(Through LC-Net II)	Not Yet Supported	6.34
	X-LC 3095CD	(Through LC-Net II)	Not Yet Supported	6.25
	X-LC 3020FP	(Through LC-Net II)	Not Yet Supported	6.25
PerkinElmer Nelson Interfaces				
	940, 941	RS-232	Not Yet Supported	N/A
	760	GPIO	Not Yet Supported	N/A
	950, 960, 970, NCO 910, NCI 902	RS-232 or GPIO	Not Yet Supported	N/A
PerkinElmer Series 200 LC				
	Series 200, ISS-200 Autosampler	RS-232	Yes	
	Series 200 pump	RS-232	Yes	
	Series 200 detector	RS-232	Yes	

Supported Firmware OpenLAB 3.3.1

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions
PerkinElmer Autosystem				
	Autosystem	RS-232	Yes	R 1.8
	Capillary, Gas Sampling Packed Column	(Through GC)	Yes	N/A
	FID, ECD, TCD, NPD, FPD, PID, Hall	(Through GC)	Yes	N/A
	(Built-in)	(Through GC)	Yes	N/A
	Cryogenics, Valves	(Through GC)	Yes	N/A
PerkinElmer Autosystem XL				
	Autosystem XL	RS-232	Yes	
	Capillary, Gas Sampling Packed Column, Programmable On-Column - Inlet Pgm Mode, Programmable On-Column - Oven Track Mode, Programmable Split/Splitless - Inlet Pgm Mode, Programmable Split/Splitless - Oven Track Mode	(Through GC)	Yes	N/A
	FID, ECD, TCD, NPD, FPD, PID, Hall	(Through GC)	Yes	N/A
	(Built-in)	(Through GC)	Yes	N/A
	PPC, Cryogenics, Valves	(Through GC)	Yes	N/A
Shimadzu GC-2010				
	GC2010	RS-232 or TCP/IP	Yes	1.1
	SPL, PTV, OCI, WBI	(Through GC)	Yes	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	Analog Acquisition (needs SS420x)	Yes	N/A
	AOC-20i - 6, AOC-20i-12, AOC-20s, AOC-20D	(Through GC)	Yes	N/A
	AOC-5000	RS-232	Yes	2.4.0
	Cryogenics, Valves	(Through GC)	Yes	N/A
Shimadzu GC-17				
	GC 17A Vers. 1, 2, 3 and AH	RS-232	Yes	3.15
	SPL, PTV, OCI, WBI	(Through GC)	Yes	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	Analog Acquisition (needs SS420x)	Yes	N/A
	AOC-20i - 6, AOC-20i-12, AOC-20s, AOC-20D	RS-232	Yes	N/A
	AOC-5000	RS-232	Yes	2.4.0
	Cryogenics, Valves	(Through GC)	Yes	N/A
Shimadzu GC-14				
	GC-14A	RS-232	Yes	2.11
	GC-14B	RS-232	Yes	3.1
	GC-14AH	RS-232	Yes	
	SPL, PTV, OCI, WBI	(Through GC)	Yes	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	Analog Acquisition (needs SS420x)	Yes	N/A
	AOC-20i - 6, AOC-20i-12, AOC-20s, AOC-20D	RS-232	Yes	N/A
	AOC-5000	RS-232	Yes	2.4.0
	Cryogenics, Valves	(Through GC)	Yes	N/A
	CBM-20A, CBM-20ALite	RS-232 or TCP/IP	Yes	1.02
	SIL-20A, SIL-20AC	(through controller)	Yes	1.0
	LC-20AT, LC-20AD, LC-20AB	(through controller)	Yes	1.0
Shimadzu LC-20A (Prominence LC)				
	DGU-20A3, DGU-20A5	(through controller)	Yes	N/A
	FCV-LPGE	(through controller)	Yes	N/A
	CTO-20A, CTO-20AC	(through controller)	Yes	1.0
	SPD-20A, SPD-20AV	(through controller)	Yes	1.0
	SPD-M20A	TCP/IP	Yes	1.05

Supported Firmware OpenLAB 3.3.1

Manufacturer / Family	Module Names	Communications	Supported in this version of Agilent OpenLAB	Supported Firmware Versions
Shimadzu LC-10Avp				
	SCL-10Avp	RS-232, SCSI or TCP/IP	Yes	5.33
	Options Box, Sub-controller VP	(Through SCL)	Yes	5.2
	LC-6AD	(Through SCL)	Yes	1.4
	LC-8A	(Through SCL)	Yes	1.5
	LC-10AD, LC-10Ai, LC-10AS, LC-10AT	(Through SCL)	Yes	3.1
	LC-10ADvp	(Through SCL)	Yes	5.26
	LC-10ATvp	(Through SCL)	Yes	5.27
	SIL-10A, SIL-10Ai	(Through SCL)	Yes	3.5
	SIL-10Axl	(Through SCL)	Yes	3
	SIL-10ADvp	(Through SCL)	Yes	5.32
	SIL-10AF, SIL-10AL, SIL-10AP	(Through SCL)	Yes	4
	SIL-HTa, SIL-HTc	(Through SCL)	Yes	6.02
	SIL-5000	RS-232	Yes	2.4,0
	CTO-10AVP, CTO-10ACVP, CTO-10ASVP	(Through SCL)	Yes	5.24
	CTO-10AC	(Through SCL)	Yes	3.0
	SPD-10A, SPD-10Ai, SPD-10AV, SPD-10AVi	(Through SCL)	Yes	3.0
	SPD-10Avp, SPD-10AVvp	(Through SCL)	Yes	5.22
	RF-10A	(Through SCL)	Yes	3
	RF-10AXL	(Through SCL)	Yes	3.21
	RID-10A	(Through SCL)	Yes	3.13
	CDD-10Avp	(Through SCL)	Yes	1
	ELSD-LT, ELSD-LTII	(Through SCL)	Yes	30
	SPD-M10Avp	SCSI	Yes	3.33
	FRC-10A	(Through SCL)	Yes	3.3
	FCV-10AL, FCV-10ALvp, FCV-11AL, FCV-11ALS, FCV-15AL, FCV-LPGE	(Through SCL)	Yes	N/A
	FCV-12AH, FCV-13AL, FCV-14AH	(Through SCL)	Yes	N/A
Shimadzu LC-2010				
	LC-2010-A, LC-2010C	RS-232 or TCP/IP	Yes	1.03
Thermo Electron 9001 GC				
	Finnigan 9001	RS-232	Not Yet Supported	
	FID, ECD, TCD, NPD, FPD, PID, DID, Hall	(Through GC)	Not Yet Supported	
Thermo Electron GC 8000				
	GC8000 Top	RS-232	Not Yet Supported	
	FID, ECD-850, NPD	1st Det. through GC, add'l det.s via Analog Acquisition (needs SS420x)	Not Yet Supported	
Thermo Electron Trace GC				
	Trace GC, Trace GC Ultra	RS-232 or TCP/IP	Not Yet Supported	
	Split/Splitless, HOTO, On Column, LV On Column, Packed, Purge Packed	(Through GC)	Not Yet Supported	
	FID, ECD, NPD, TCD, FPD, PID, PDD, FID-X, ECD-X, NPD-X, FPD-X, PID-X, PDD-X, Hall-X	(Through GC)	Not Yet Supported	
Thermo Electron Focus GC				
	Focus GC	RS-232 or TCP/IP	Not Yet Supported	
	Split/Splitless, Purge Packed	(Through GC)	Not Yet Supported	
	FID, TCD, FID-X, ECD-X, NPD-X, FPD-X, PID-X, PDD-X, Hall-X	(Through GC)	Not Yet Supported	
Thermo Electron GC Autosamplers				
	TriPlus	RS-232 or LAN	Not Yet Supported	
	AI/AS-3000, AS2000, AS800	RS-232 / Through GC	Not Yet Supported	3.32 or higher, 3.13 or higher
	HS2000, HS850	RS-232 / Through GC	Not Yet Supported	3.1a7 or higher

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Manufacturer/ Family	Module Names	Communications	Minimum OpenLAB Version	Supported Firmware Versions
Agilent 5890 GC				
	5890 GC	GPIB / Solo RS-232 / Combo RS-232	3.3	A.03.01 or higher
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	3.3	N/A
	TCD, FID, NPD, ECD	(Through GC)	3.3	N/A
	HP7673A	GPIB / Solo RS-232 / Combo RS-232	3.3	A.09.15
	7694	Serial	Not Supported	
	G1888	RS-232 or TCP/IP	Not Supported	
	EPC	(Through GC)	3.3	N/A
Agilent 6850 GC				
	6850 GC	RS-232 / LAN (IP) / LAN (Host)	3.3	A.02.05, A.03.03, A.05.03
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	3.3	N/A
	FID, TCD	(Through GC)	3.3	N/A
	7683A (G2613A)	(Through GC)	3.3	A.10.07
	7683B (G2913A)	(Through GC)	3.3	A.11.02
	7694	Serial	Not Supported	Not Supported
	G1888	RS-232 or TCP/IP	Not Supported	Not Supported
	Valves	(Through GC)	3.3	
	Valves, EPC	(Through GC)	3.3	
Agilent 6890 GC				
	6890, 6890 Plus, 6890N	GPIB / RS-232 / LAN (IP) / LAN (Host)	3.3	A.03.08, N.05.04
	Split-Splitless, Packed, Purge Packed, Cool-On-Column	(Through GC)	3.3	N/A
	TCD, FID, NPD, ECD	(Through GC)	3.3	N/A
	7673A, 7683A (G2613A)	(Through GC)	3.3	A.09.15
	7683A (G2613A)	(Through GC)	3.3	A.10.07
	7683B (G2913A)	(Through GC)	3.3	A.11.02
	7694	Serial	Not Supported	Not Supported
	G1888	RS-232 or TCP/IP	Not Supported	Not Supported
	Dual Tower, Valves, EPC	(Through GC)	3.3	N/A
Agilent Micro GC				
	HP MicroGC Standard	RS-232	3.3	C0.02.12 or D0.02.08
	HP MicroGC Quad	RS-232 (2 ports req'd)	3.3	C0.02.12 or D0.02.08
	3000 MicroGC	LAN	3.3	C0.02.12 or D0.02.08
Agilent 1100 LC				
	(None)	GPIB / LAN (IP) / LAN (Host)	3.3	
	G1311A, G1312A	(CAN Cable)	3.3	A.06.02
	G1310A	(CAN Cable)	3.3	A.06.02
	G1316A	(CAN Cable)	3.3	A.06.02
	G1313A, G1329A	(CAN Cable)	3.3	A.06.02
	G1367A, G1377A, G1389A	(CAN Cable)	3.3	A.06.02
	G1314A	(CAN Cable)	3.3	A.06.02
	G1365A & G1365B	(CAN Cable)	3.3	A.06.02
	G1365C	(CAN Cable)	3.3	A.06.02
	G1315A & G1315B	(CAN Cable)	3.3	A.06.02
	G1315C	(CAN Cable)	3.3	A.06.02
	G1321A	(CAN Cable)	3.3	A.06.02
	G1362A	(CAN Cable)	3.3	A.06.02
Agilent 1200 LC				
	(System)	LAN (IP) / LAN (Host)	Not Supported	Not Supported
	G1312B	(CAN Cable)	Not Supported	Not Supported
	G1367B, G1367C	(CAN Cable)	Not Supported	Not Supported
	G1316B	(CAN Cable)	Not Supported	Not Supported
	G1314B, G1314C	(CAN Cable)	Not Supported	Not Supported

Manufacturer/ Family	Module Names	Communications	Minimum OpenLAB Version	Supported Firmware Versions
Alcott LC Autosamplers				
	Alcott 708, 718, 719	RS-232	Not Supported	Not Supported
Alltech Associates LC Detectors				
	ELSD-2000	RS-232C (SS420X also required)	Not Supported	Not Supported
	CD-650	RS-232C (SS420X also required)	Not Supported	Not Supported
CTC Analytics Autosamplers				
	CombiPAL, GC-PAL, LC-PAL, HTS/HTC-PAL	RS-232	Not Supported	Not Supported
Hitachi LaChrom LC				
	System D-Line controller	GPIO	Not Supported	Not Supported
	D7000	(through controller)	Not Supported	Not Supported
	L7100	(through controller)	Not Supported	Not Supported
	L7200, L7250	(through controller)	Not Supported	Not Supported
	L7300	(through controller)	Not Supported	Not Supported
	L7400	(through controller)	Not Supported	Not Supported
	L7420	(through controller)	Not Supported	Not Supported
	L7450	(through controller)	Not Supported	Not Supported
	L7455	(through controller)	Not Supported	Not Supported
	L7480, L7485	(through controller)	Not Supported	Not Supported
Hitachi LaChrom Elite LC				
	L-2100	USB	Not Supported	Not Supported
	L-2130	USB	Not Supported	Not Supported
	L-2200	(Daisy Chained)	Not Supported	Not Supported
	L-2300	(Daisy Chained)	Not Supported	Not Supported
	L-2350	(Daisy Chained)	Not Supported	Not Supported
	L-2400	(Daisy Chained)	Not Supported	Not Supported
	L-2420	(Daisy Chained)	Not Supported	Not Supported
	L2450	(Daisy Chained)	Not Supported	Not Supported
	L-2455	(Daisy Chained)	Not Supported	Not Supported
	L2480	(Daisy Chained)	Not Supported	Not Supported
	L-2485	(Daisy Chained)	Not Supported	Not Supported
	L-2490	(Daisy Chained)	Not Supported	Not Supported
	AID	(Daisy Chained)	Not Supported	Not Supported
Hitachi Amino Acid Analyzer				
	L-8800A	GPIO	Not Supported	Not Supported
	L-8900A	USB	Not Supported	Not Supported
Jasco 1500/2000 LC				
	LC-Net II / ADC	LAN	Not Supported	Not Supported
	PU-2080-100MPa, PU-2080, PU-2080i, PU-2080-CO2, PU-2085, PU-2085i, PU-2085-100MPa, PU-2086, PU-2086i, PU-2087, PU-2087i, PU-2088, PU-2088CO2, PU-2089, PU-2089i, PU-1580, PU-1580i, PU-1580CO2, PU-1585, PU-1586, PU-1587	(Through LC-Net II)	Not Supported	Not Supported
	AS-2050, AS-2050i, AS-2051, AS-2051i, AS-2055, AS-2055i, AS-2057, AS-2057i, AS-2059, AS-2059SF, AS-1550, AS-1555, AS-1555-10, AS-1559	(Through LC-Net II)	Not Supported	Not Supported
	CO-2060, CO-2065, CO-2067, CO-1560, CO-1565	(Through LC-Net II)	Not Supported	Not Supported
	HV-2080-01, HV-1592-01	(Through LC-Net II)	Not Supported	Not Supported
	LV-2080-03, LV-1580-03	(Through LC-Net II)	Not Supported	Not Supported
	LG-2080-02/04, LG-1580-02/04	(Through LC-Net II)	Not Supported	Not Supported
	UV-2070, UV-2075, UV-1570, UV-1575	(Through LC-Net II)	Not Supported	Not Supported

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Manufacturer/ Family	Module Names	Communications	Minimum OpenLAB Version	Supported Firmware Versions
	CD-2095, CD-1595	(Through LC-Net II)	Not Supported	Not Supported
	FP-2025, FP-2020, FP-1520, FP-1520s	(Through LC-Net II)	Not Supported	Not Supported
	MD-2010, MD-2015, MD-1510, MD-1515	SCSI	Not Supported	Not Supported
Jasco X-LC				
	3080 PU, 3085 PU	(Through LC-Net II)	Not Supported	Not Supported
	X-LC 3067CO	(Through LC-Net II)	Not Supported	Not Supported
	X-LC 3059AS	(Through LC-Net II)	Not Supported	Not Supported
	X-LC 3070UV	(Through LC-Net II)	Not Supported	Not Supported
	X-LC 3095CD	(Through LC-Net II)	Not Supported	Not Supported
	X-LC 3020FP	(Through LC-Net II)	Not Supported	Not Supported
PENelson Interfaces				
	940, 941	RS-232	Not Supported	Not Supported
	760	GPIB	Not Supported	Not Supported
	950, 960, 970, NCO 910, NCI 902	RS-232 or GPIB	Not Supported	Not Supported
PerkinElmer Series 200 LC				
	Series 200, ISS-200	RS-232	Not Supported	Not Supported
	Series 200 pump	RS-232	Not Supported	Not Supported
	Series 200 detector	RS-232	Not Supported	Not Supported
PerkinElmer Autosystem GC				
	Autosystem	RS-232	Not Supported	Not Supported
	Capillary, Gas Sampling Packed Column	(Through GC)	Not Supported	Not Supported
	FID, ECD, TCD, NPD, FPD, PID, Hall	(Through GC)	Not Supported	Not Supported
	(Built-in)	(Through GC)	Not Supported	Not Supported
	Cryogenics, Valves	(Through GC)	Not Supported	Not Supported
PerkinElmer Autosystem XL GC				
	Autosystem XL	RS-232	Not Supported	Not Supported
	Capillary, Gas Sampling Packed Column, Programmable On-Column - Inlet Pgm Mode, Programmable On-Column - Oven Track Mode, Programmable Split/Splitless - Inlet Pgm Mode, Programmable Split/Splitless - Oven Track Mode	(Through GC)	Not Supported	Not Supported
	FID, ECD, TCD, NPD, FPD, PID, Hall	(Through GC)	Not Supported	Not Supported
	(Built-in)	(Through GC)	Not Supported	Not Supported
	PPC, Cryogenics, Valves	(Through GC)	Not Supported	Not Supported
Shimadzu GC2010				
	GC2010	RS-232 or TCP/IP	3.3	1.1
	SPL, PTV, OCI, WBI	(Through GC)	3.3	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD. PID, SID	Analog Acquisition (needs SS420x)	3.3	N/A
	AOC-20i - 6, AOC-20i-12, AOC-20s, AOC-20D	(Through GC)	3.3	N/A
	AOC-5000	RS-232	3.3	2.4.0
	Cryogenics, Valves	(Through GC)	3.3	N/A
Shimadzu GC-17				
	GC 17A Vers. 1, 2, 3 and AH	RS-232	3.3	3.15
	SPL, PTV, OCI, WBI	(Through GC)	3.3	N/A
	FID, ECD, ELCD, CECD, TCD, FPD, FTD. PID, SID	Analog Acquisition (needs SS420x)	3.3	N/A
	AOC-20i - 6, AOC-20i-12, AOC-20s, AOC-20D	RS-232	3.3	N/A
	AOC-5000	RS-232	3.3	2.4.0
	Cryogenics, Valves	(Through GC)	3.3	N/A
Shimadzu GC-14				
	GC-14A	RS-232	3.3	2.11
	GC-14B	RS-232	3.3	3.1
	GC-14AH, GC-15	RS-232	3.3	
	SPL, PTV, OCI, WBI	(Through GC)	3.3	N/A

Manufacturer/ Family	Module Names	Communications	Minimum OpenLAB Version	Supported Firmware Versions
	FID, ECD, ELCD, CECD, TCD, FPD, FTD, PID, SID	Analog Acquisition (needs SS420x)	3.3	N/A
	AOC-20i - 6, AOC-20i-12, AOC-20s, AOC-20D	RS-232		N/A
	AOC-5000	RS-232		2.4.0
	Cryogenics, Valves	(Through GC)	3.3	
Shimadzu LC-20A (Prominence LC)				
	CBM-20A, CBM-20ALite	RS-232 or TCP/IP	3.3	1.02
	SIL-20A, SIL-20AC	(through controller)	3.3	1.0
	LC-20AT, LC-20AD, LC-20AB	(through controller)	3.3	1.0
	DGU-20A3, DGU-20A5	(through controller)	3.3	N/A
	FCV-LPGE	(through controller)	3.3	N/A
	CTO-20A, CTO-20AC	(through controller)	3.3	1.0
	SPD-20A, SPD-20AV	(through controller)	3.3	1.0
	SPD-M20A	TCP/IP	3.3	1.05
Shimadzu LC- 10Avp				
	SCL-10Avp	RS-232, SCSI or TCP/IP		5.33
	Options Box, Sub-controller VP	(Through SCL)		5.2
	LC-6AD	(Through SCL)		1.4
	LC-8A	(Through SCL)		1.5
	LC-10AD, LC-10Ai, LC-10AS, LC-10AT	(Through SCL)		3.1
	LC-10ADvp	(Through SCL)		5.26
	LC-10ATvp	(Through SCL)		5.27
	SIL-10A, SIL-10Ai	(Through SCL)		3.5
	SIL-10AxI	(Through SCL)		3
	SIL-10ADvp	(Through SCL)		5.32
	SIL-10AF, SIL-10AL, SIL-10AP	(Through SCL)		4
	SIL-HTa, SIL-HTc	(Through SCL)		6.02
	SIL-5000	RS-232		2.4.0
	CTO-10AVP, CTO-10ACVP, CTO-10ASVP	(Through SCL)		5.24
	CTO-10AC	(Through SCL)	3.3	3.0
	SPD-10A, SPD-10Ai, SPD-10AV, SPD-10AVi	(Through SCL)	3.3	3.0
	SPD-10Avp, SPD-10AVvp	(Through SCL)	3.3	5.22
	RF-10A	(Through SCL)	3.3	3
	RF-10AXL	(Through SCL)	3.3	3.21
	RID-10A	(Through SCL)	3.3	3.13
	CDD-10Avp	(Through SCL)	3.3	1
	ELSD-LT, ELSD-LTII	(Through SCL)	3.3	30
	SPD-M10Avp	SCSI	3.3	3.33
	FRC-10A	(Through SCL)	3.3	3.3
	FCV-10AL, FCV-10ALvp, FCV-11AL, FCV-11ALS, FCV-15AL, FCV-LPGE	(Through SCL)	3.3	N/A
	FCV-12AH, FCV-13AL, FCV-14AH	(Through SCL)	3.3	N/A
Shimadzu LC-2010				
	LC-2010-A, LC-2010C	RS-232 or TCP/IP	3.3	1.03
Thermo Electron 9001GC				
	Finnigan 9001	RS-232	Not Supported	Not Supported
	FID, ECD, TCD, NPD, FPD, PID, DID, Hall	(Through GC)	Not Supported	Not Supported
Thermo Electron GC8000				
	GC8000 Top	RS-232	Not Supported	Not Supported
	FID, ECD-850, NPD	1st Det. through GC, add'l det.s via Analog Acquisition (needs SS420x)	Not Supported	Not Supported

Manufacturer/ Family	Module Names	Communications	Minimum OpenLAB Version	Supported Firmware Versions
Thermo Electron Trace GC				
	Trace GC, Trace GC Ultra	RS-232 or TCP/IP	Not Supported	Not Supported
	Split/Splitless, HOTO, On Column, LV On Column, Packed, Purge Packed	(Through GC)	Not Supported	Not Supported
	FID, ECD, NPD, TCD, FPD, PID, PDD, FID-X, ECD-X, NPD X, FPD-X, PID-X, PDD-X, Hall-X	(Through GC)	Not Supported	Not Supported
Thermo Electron Focus GC				
	Focus GC	RS-232 or TCP/IP	Not Supported	Not Supported
	Split/Splitless, Purge Packed	(Through GC)	Not Supported	Not Supported
	FID, TCD, FID-X, ECD-X, NPD-X, FPD-X, PID-X, PDD-X, Hall-X	(Through GC)	Not Supported	Not Supported
Thermo Electron GC Autosamplers				
	TriPlus	RS-232 or LAN	Not Supported	Not Supported
	AI/AS-3000, AS2000, AS800	RS-232 / Through GC	Not Supported	Not Supported
	HS2000, HS850	RS-232 / Through GC	Not Supported	Not Supported
Thermo Electron SpectraSYSTEM				
	SN4000	RS-232	Not Supported	Not Supported
	P1000, P1500, P2000, P4000	(Through SN4000)	Not Supported	Not Supported
	AS1000, AS3000	(Through SN4000)	Not Supported	Not Supported
	FL2000/3000	(Through SN4000)	Not Supported	Not Supported
	UV1000, UV2000	(Through SN4000)	Not Supported	Not Supported
	UV3000	RS-232	Not Supported	Not Supported
	UV6000	RS-232	Not Supported	Not Supported
Thermo Electron Surveyor LC				
	Surveyor LC Pump	(Through SN4000)	Not Supported	Not Supported
	Surveyor A/S	(Through SN4000)	Not Supported	Not Supported
	Surveyor UV/Vis	(Through SN4000)	Not Supported	Not Supported
Valco Valves				
	EMHCA-CE, EMTCA-CE, EMHA-CE	RS-232	Not Supported	Not Supported
Varian CP-3800 GC				
	CP3800	TCP/IP (BNC type)	Not Supported	Not Supported
	FID, ECD, TCD, TSD, uTCD, PFPD	(Through GC)	Not Supported	Not Supported
	CP8200, CP8400, CP8410	(Through GC)	Not Supported	Not Supported
Varian 3900 GC				
	Integrated GC	TCP/IP	Not Supported	Not Supported
	Split/Splitless, On Column	(Through GC)	Not Supported	Not Supported
	FID, TCD	(Through GC)	Not Supported	Not Supported
	CP8200, CP8400, CP8410	(Through GC)	Not Supported	Not Supported
Varian Micro-GC				
	CP2002(P), CP2003(P)	RS-232	Not Supported	Not Supported
	CP2003 Quad	2 RS-232 ports	Not Supported	Not Supported
	CP-4900	RS-232 or TCP-IP	Not Supported	Not Supported
Varian CP-900x GC				
	CP9000, CP9001, CP9002, CP9003, iTCT/PTI, VOC-AIR	ChromNet (proprietary ISA board; not available in Client/Server)	Not Available	Not Available
	FID, ECD, TCD, NPD, FPD	(Through GC)	Not Available	Not Available
	CP91x, CP90x0, CP9060	(Through GC)	Not Available	Not Available

Supported Firmware**OpenLAB Version 3.3.0**

Manufacturer/ Family	Module Names	Communications	Minimum OpenLAB Version	Supported Firmware Versions
Waters Alliance LC				
	2690 Separations Module	GPIB	3.3	1.20 or later
	2695 Separations Module	GPIB	Not Supported	Not Supported
	2487 Dual Wavelength Absorbance Detector	GPIB	3.3	5.01 or later
	996/ 2996 PDA	GPIB	Not Supported	Not Supported