

Device support in KNAUER CDS / KNAUER device support in 3rd party software OpenLAB CDS EZChrom Edition / ClarityChrom / Chromeleon / ChromGate

The tables list the software package and driver version (in case multiple versions exist); the version number listed is the first version that supports the respective device. Limitations are marked with superscript, e.g. ¹⁾. “n/a” means, that a device is not supported, “-“ that no information is available. If a device is supported by different communication ports, the desired port must be selected in the device directly.

Pumps	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromeleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
AZURA Pump P 6.1L	OLEE A.01.05 Driver 1022	CC 5.0.2 Driver 4095 ¹⁾	n/a	n/a	Version: 5.07.039 ¹⁾
AZURA Pump P 2.1L	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3078	Cm 6.8 Generic driver ²⁾	CG 3.3.2 Driver 2825 ³⁾	Version: 5.07.039
AZURA Pump P 2.1S/P 4.1S ⁶⁾	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3078	Cm 6.8 Generic driver ²⁾	CG 3.3.2 Driver 1787	Version: 5.07.039
PLATINblue Pump P-1	OLEE A.01.05 Driver 1017	CC 5.0.3 Driver	Cm 6.8 SR10; Regular Class 3 driver	CG 3.3.2 PLATINblue Edition 1751; Regular 2825	n/a
Smartline Pump 1050 ⁴⁾	OLEE A.01.05 Driver 1017	CC 2.6.5 Driver 1100	Cm 6.8 SR10 Regular Class 3 driver	CG 3.3.2 Driver 1751	Version: 5.07.039
Smartline Pump 1000	n/a	CC 2.4.4	Cm 6.8 Generic driver ²⁾	CG 3.1	n/a
Smartline Pump 100 ^{5), 6)}	OLEE A.01.05 Driver 1017	CC 2.6	Cm 6.8 Generic driver ²⁾	CG 3.3.1 Driver 1640	Version: 5.07.039
Preparative Pump 1800 (also WellChrom K-1800)	n/a	CC 2.6	n/a	CG 3.1	n/a
WellChrom Pump K-1001	n/a	CC 2.6	n/a	CG 2.55 ⁷⁾	n/a
WellChrom Pump K-1000	n/a	CC 2.6	n/a	CG 2.55 (not supported in version 3.1) ⁸⁾	n/a
WellChrom Pump K-501 ⁹⁾	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom Pump K-120	n/a	CC 2.6	n/a	CG 2.8	n/a

BlueShadow Pumps 10P/20P ⁶⁾	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3078	Cm 6.8 Generic driver ²⁾	CG 3.3.2 Driver 1787	Version: 5.07.039
BlueShadow Pump 40P ¹⁰⁾	OLEE A.01.05 Driver 1022	CC 5.0.2 Driver 4095	n/a	n/a	Version: 5.07.039
BlueShadow Pump 80P ¹⁰⁾	OLEE A.01.05 Driver 1022	CC 5.0.2 Driver 4095	n/a	n/a	n/a
Kontron Pumps 320/322/325	n/a	CC 3.0.5 ¹¹⁾	-	CG 3.1.7 Driver 446 ¹²⁾	n/a
Kontron Pumps 420/422/425	n/a	CC 3.0.5 ¹¹⁾	-	CG 3.1.7 Driver 446 ¹²⁾	Version: 5.07.039
Kontron Pumps 520/522/525	n/a	CC 3.0.5 ¹¹⁾	-	CG 3.1.7 Driver 446 ¹²⁾	n/a

- 1) – Constant Pressure Mode is not supported in ClarityChrom and PurityChrom
- 2) – generic drivers does not support all of the devices features; only control via RS-232
- 3) – support of RS-232 port in driver version 2844
- 4) – for control via RS-232 only baud rate 115200 is supported
- 5) – can be controlled as K-120 only via RS-232 without pressure sensor in former software versions
- 6) – device does no support static IP address, only LAN via DHCP
- 7) – from Version 3.1 only with firmware version 5.xx or higher; pumps with firmware up to version 4.XX must be configured as K-1000
- 8) – from CG 3.1 no pressure information; also K-1001 with firmware up to version 4.XX, no pressure trace
- 9) – from firmware version 1.23, model K-500 is not supported
- 10) – supported from Clarity version 4.X
- 11) – driver was developed by Data Apex
- 12) – special RS-232 cable is required

Detectors [for all PDA or scanning UV detectors the 3D license option is required to acquire and review the scan (3D) data]	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
AZURA Detector UVD 2.1L ¹⁾	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3078	Cm 6.8 Generic driver	CG 3.3.2 Driver 2825	Version: 5.07.039
AZURA Detector UVD 2.1S ^{2),3)}	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3055	n/a	CG 3.3.2 Driver 1787	Version: 5.07.039
AZURA DAD PDA 6.1L	OLEE A.01.05 driver 2047	CC 5.0.5 Driver 4110	n/a	n/a	coming soon
AZURA Conductivity Monitor CM 2.1S ²⁾	OLEE A.01.05 driver 1022	CC 5.0.2 Driver 4095	n/a	Generic Driver June 2013 ⁴⁾	Version: 5.07.039
PLATINblue Detector MW-1 ³⁾	OLEE A.01.05 Driver 1017	n/a	Cm 6.8 SR10 Regular Class 3 driver	CG 3.3.2 PLATINblue Edition 1751;	n/a

Detectors [for all PDA or scanning UV detectors the 3D license option is required to acquire and review the scan (3D) data]	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
				Regular 2825	
PLATINblue DAD PDA-1	OLEE A.01.05 Driver 1017	CC 5.0.2 Driver 4095 ⁴⁾	Cm 6.8 SR10 Regular Class 3 driver	CG 3.3.2; PLATINblue Edition 1751; Regular 2825	n/a
Smartline UV Detector 2500 ⁶⁾	n/a	CC 2.4.4	Cm 6.8 Generic driver ⁵⁾	CG 3.1	Version: 5.07.039
Smartline UV Detector 2520 ^{3), 7)}	OLEE A.01.05 Driver 1017	CC 3.0.5 Driver 3033	n/a	CG 3.3.2 Driver 1751	n/a
Smartline UV Detector 2550 ^{3), 7)}	OLEE A.01.05 Driver 1017	CC 2.6.5 Driver 1079	Cm 6.8 SR10 Regular Class 3 driver	CG 3.3.1 Driver 1640	n/a
Smartline UV Detector 2600	OLEE A.01.05 Driver 1017	CC 2.4.4	Cm 6.8 Generic driver ⁵⁾	CG 3.1	Version: 5.07.039
Smartline UV Detector 200	n/a	CC 2.6	n/a	CG 3.1.7 Driver 1466	n/a
Smartline PDA Detector 2800	n/a	CC 2.4.4	n/a	CG 3.1.7 Driver 446	n/a
Smartline PDA Detector 2850	OLEE A.01.05 Driver 1017	CC 2.6.5 Driver 1100	n/a	CG 3.3.2 Driver 1751	n/a
Smartline RI Detector 2300	OLEE A.01.05 Driver 1017	CC 2.4.4	n/a	CG 3.1	n/a
Smartline RI Detector 2400	OLEE A.01.05 Driver 1017	CC 2.4.4	n/a	CG 3.1	n/a
Smartline Conductivity Monitor S2900	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3055	n/a	Generic Driver September 2010	n/a
WellChrom UV Detector K-2000 ⁸⁾	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom UV Detector K-2001	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom UV Detector K-2500 ⁸⁾	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom UV Detector K-2501 ⁶⁾	n/a	CC 2.6	n/a	CG 2.8	
WellChrom UV Detector K-2600	OLEE A.01.05 Driver 2026	CC 2.6	Cm 6.8 Generic driver ⁵⁾	CG 2.55	n/a
WellChrom PDA Detector K-2700 ⁹⁾	n/a	PCI / LAN	n/a	CG 2.55, LAN from 3.1	n/a
WellChrom PDA Detector K-2800 ⁹⁾	n/a	PCI / LAN	n/a	CG 2.8, LAN from 3.1	n/a

Detectors [for all PDA or scanning UV detectors the 3D license option is required to acquire and review the scan (3D) data]	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
WellChrom RI Detector 2300	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom RI Detector 2301	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom RI Detector 2400	n/a	CC 2.6	n/a	CG 2.8	n/a
WellChrom RI Detector 2401	n/a	CC 2.6	n/a	CG 2.8	n/a
Shimadzu fluorescence detector RF-10Axl ¹⁰⁾	n/a	CC 2.6	n/a	CG 3.1	n/a
Shimadzu fluorescence detector RF-20A with special firmware version 0.90 only from KNAUER ¹¹⁾	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3055	n/a	CG 3.3.2; Driver 1787	n/a
Virtual Detector	OLEE A.01.05 Driver 1017	CC 2.6.5 Driver 1079	n/a	CG 3.1.6	n/a
BlueShadow Detector 10D ³⁾	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3055	n/a	CG 3.3.2 Driver 1787	Version: 5.07.039
BlueShadow Detector 40D ^{3), 7)}	OLEE A.01.05 driver 1022	CC 5.0.2 Driver 4095	n/a	n/a	Version: 5.07.039
BlueShadow Detector 50D ^{3), 7)}	OLEE A.01.05 driver 1022	CC 5.0.2 Driver 4095	n/a	n/a	Version: 5.07.039
Antec Leyden LC-EC Detector Decade	n/a	supported by Data Apex; CC 5.0.2	Cm 6.8 (driver not developed by KNAUER)	n/a	Version: 5.07.039
Alltech Conductivity Detector 650	n/a	n/a	n/a	CG 3.1.7 Driver 446	n/a
Kontron UV Detector 332/335 ^{8), 12)}	n/a	supported by DataApex; CC 5.0.2	-	CG 3.1.7 Driver 446	n/a
Kontron UV Detector 430/430A/432/435 ^{8), 12)}	n/a	supported by DataApex; CC 5.0.2	-	CG 3.1.7 Driver 446	n/a
Kontron UV Detector 530/532/535 ^{8), 12)}	n/a	supported by DataApex; CC 5.0.2	-	CG 3.1.7 Driver 446	n/a
Kontron DAD 540(/545) ¹²⁾	n/a	supported by DataApex; CC 5.0.2	-	CG 3.1.7 Driver 1466	n/a
Sedere Sedex ELSD 80/85LT	supported, driver was developed by MayLab Analytical ¹³⁾	supported by DataApex; CC 3.0.5	n/a (Cm 6.8)	supported, driver was developed by MayLab Analytical ¹⁴⁾	n/a

Sedere Sedex ELSD 90LT	supported, driver was developed by MayLab Analytical ¹³⁾	supported by DataApex; CC 5.0.2	n/a (Cm 6.8)	supported, driver was developed by MayLab Analytical ¹⁴⁾	n/a
Sedere Sedex LC	supported, driver was developed by MayLab Analytical ¹³⁾	supported by DataApex; CC 5.0.2	n/a (Cm 6.8)	n/a	n/a
Grace/Alltech ELSD 3300	-	-	-	Separate, licensefree driver upon request or from Grace webpage, driver was developed from Grace/Alltech	-

- 1) – only LAN is supported
- 2) – device does not support static IP address, only LAN via DHCP
- 3) – via RS-232 the maximum data rate is limited to 10 Hz
- 4) – in ClarityChrom 5.0.2 runs with data rates > 10 Hz may not be stored with 3D data; recommended maximum data rate is 10 Hz
- 5) – generic drivers does not support all of the devices features (e.g. no 3D data acquisition; only control via RS-232)
- 6) – a trigger on Start input also starts the internal wave length program
- 7) – for control via RS-232 only baud rate 115200 is supported
- 8) – device only supports data acquisition via RS-232, no wave length control
- 9) – LAN only via separate LAN adapter A4442; default communication adapter is PCI interface card for RS-422, PCI interface card requires a PCI slot on the computer
- 10) – RS-232 only, maximum data rate 0.5 Hz, A/D converter for higher data rates required; special RS-232 cable required (part number G0743)
- 11) – RS-232 only, special firmware version 0.90 required, feature set of RF-10 AXL only, maximum data rate 5 Hz, A/D converter for higher data rates required; special RS-232 cable required (part number G0743)
- 12) – special RS-232 cable is required
- 13) – driver must be installed separately and is protected with a separate USB dongle, detector cannot be used for fractionation; KNAUER driver part number A2618-01
- 14) – driver must be installed separately and is protected with a separate USB dongle, detector cannot be used for fractionation; KNAUER driver part number A1513-07

Assistant (up to three devices in one housing)	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
ASM 2.1L ^{1), 2)}	OLEE A.01.05; Driver 1017	CC 3.0.7; Driver 3078	n/a	CG 3.3.2; Driver 2825	Version: 5.07.039 ³⁾

- 1) – configuration depends on order; please refer the allowed configuration and restrictions
2) – only one LAN port for all devices
3) – ASM is not supported as device; the included modules can be controlled as separate devices via IP port

Autosamplers (one autosampler in a system)	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
PLATINblue Autosampler AS-1	OLEE A.01.05 Driver 1017	n/a	Cm 6.8 SR10 Regular Class 3 driver	CG 3.3.2 PLATINblue Edition 1751; Regular 2825	n/a
Smartline Autosampler 3950 ¹⁾	OLEE A.01.05 Driver 1017	CC 2.4.4 / LAN from CC 2.6.5 Driver 1083	Cm 6.8 SR10 Regular Class 3 driver	CG 3.1.7 Driver 1466 / LAN from CG 3.3.1 Driver 1640	coming soon
Autosampler KNAUER Optimas	OLEE A.01.05; Driver 1017	CC 3.0.7 Driver 3055 ³⁾	n/a		coming soon
Smartline Autosampler 3800 (also WellChrom K-3800, Spark Marathon)	n/a	CC 2.4.4 ³⁾	Cm 6.8; Generic driver ⁴⁾	CG 2.55	Version: 5.07.039
Smartline Autosampler 3900 (also Spark Midas)	n/a	CC 2.4.4 ³⁾	Cm 6.8; Generic driver ⁴⁾	CG 2.8	Version: 5.07.039
Spark Triathlon	n/a	CC 2.4.4 ³⁾	Cm 6.8; Generic driver ⁴⁾	CG 2.55	n/a
Kontron Autosampler 360	n/a	CC 5.0.2 ³⁾	-	CG 3.1.7 Driver 1466 ⁵⁾	n/a
Kontron Autosampler 46x	n/a	-	-	CG 3.1.7 Driver 1466 ⁵⁾	n/a
Kontron Autosampler 56x	n/a	CC 5.0.2 ³⁾	-	CG 3.1.7 Driver 1466 ⁵⁾	n/a

- 1) – some device features were added from time to time; therefore, not all of the current features are supported in the software from beginning (LAN connection, 84+3 vial tray, thermostatzation up to 40 °C, 0.1 µl increments for injection volume and smallest injection volume); the features require a device with the appropriate firmware version
2) – LAN default configuration is LAN via DHCP, static IP address requires access to built-in LAN module

- 3) – driver was developed by Data Apex
- 4) – upon request - driver was not developed by KNAUER
- 5) – special RS-232 cable is required

Analog/Digital Converters	OpenLAB CDS EZChrom Edition CDS version and Driver Version ¹⁾	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
KNAUER Interface Box IFU 2.1 ^{2), 3), 4)}	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3078 ⁴⁾	n/a	CG 3.3.2 Driver 2825 ⁴⁾	Version: 5.07.039
KNAUER Interface Box IF2 ³⁾	OLEE A.01.05 Driver 1017	CC 2.4.4 / 2.6 ^{5), 6)}	n/a	CG 3.1 ⁷⁾	Version: 5.07.039
Smartline Manager 5000 ³⁾	n/a	CC 2.4.4/2.6 ^{5), 6)}	n/a	CG 3.1 ⁷⁾	n/a
Smartline Manager 5050 ³⁾	OLEE A.01.05; Driver 1017	CC 2.6.5 Driver 1100 ⁴⁾	n/a	CG 3.3.2 Driver 1751 ⁴⁾	n/a
KNAUER HPLC Box Model 96 ⁸⁾	n/a	CC 2.6 ⁹⁾	n/a	CG 2.55 ^{10), 11)}	n/a
Kontron Interface Card ¹²⁾	n/a	-	-	CG 3.1.7 Driver 1466	n/a

- 1) – A/D converter in OpenLAB must be configured separately; menu is available via *Start – Programs – Agilent Technologies – OpenLAB CDS EZChrom Edition*, right click on *Agilent SS420X Interface Configuration* and select *Run as Administrator*
- 2) – built-in USB-to-serial converter requires separate installation of a driver in Windows operating system, can be found on the HPLC software CD or KNAUER webpage (*Download* section for IFU 2.1, Article Number AZB00)
- 3) – as the required serial number in the configuration, enter the last 5 digits of the serial number on the label; if the first digit is a 0 (zero), only enter the last four digits
- 4) – can be controlled as IF2 or Manager 5000 if not listed in the module list of previous software versions
- 5) – in CC version 2.4.4 only data acquisition via analog input supported, analog out supported from version 2.6
- 6) – 50 Hz option for channel 1 supported from version CC 2.6
- 7) – 50 Hz option for channel 1 supported from version CG 3.1.4
- 8) – as the required serial number in the configuration, enter the last 5 digits of the serial number on the label, if the serial number is higher than 40000, please enter only the last four digits
- 9) – supported as “Basic Edition”, CC will switch the box into the required mode
- 10) – supported as “Integration Box” only for data acquisition via analog input; box must be switched into the correct mode with special software
- 11) – 100 Hz option for channel 1 supported from version CG 3.1
- 12) – requires an ISA slot on the computer

Thermostats/Column Ovens	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
Column Thermostat CT 2.1	OLEE A.01.05 Driver 1027	CC 5.0.3 driver 4102	n/a	n/a	n/a
PLATINblue Column Thermostat T-1	OLEE A.01.05 Driver 1017	CC 5.0.2 Driver 4095	Cm 6.8 SR10 Regular Class 3 driver	CG 3.3.2 PLATINblue Edition 1751; Regular 2825	n/a
Smartline Column Oven / Column Thermostat JetStream / PLATINblue T-1 Basic ^{1), 2)}	OLEE A.01.05 Driver 1017	CC 2.4.4	Cm 6.8 SR10 Regular Class 3 driver	CG 3.1	Coming soon
Smartline Column Oven 4050 ³⁾	n/a	CC 2.4.4	n/a	CG 3.1.7 Driver 1466	n/a

1) – firmware version b1.17 or higher required

2) – if connected, control panel must show “Choose Function” before the instrument will be opened

3) – device does not support static IP address, only LAN via DHCP from firmware version 1.11

Electrical Valve Drives	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
AZURA Valve V 2.1S ¹⁾	OLEE A.01.05 Driver 1017	CC 3.0.7 Driver 3078 ¹⁾	n/a ^{2), 3)}	n/a ¹⁾	Version: 5.07.039
WellChrom electric valve drives K-6, K-12, K-16	n/a ⁴⁾	CC 2.4.4	CM 6.8 Generic driver ³⁾	CG 2.8	Version: 5.07.039
Smartline valve drives S6, S12, S16 ¹⁾	OLEE A.01.05 Driver 1017	CC 2.4.4	CM 6.8 Generic driver ³⁾	CG 3.1 ¹⁾	Version: 5.07.039
VICI Valco drives	OLEE A.01.05 Driver 1017	CC 5.0.2 ⁵⁾			

1) – can be controlled as KNAUER switching valve if not listed in the module list of previous software versions (maybe limited on RS-232)

2) – generic driver for KNAUER switching valves will also work with AZURA V 2.1S (RS-232 only)

3) – generic drivers does not support all of the devices features (e.g. RS-232 only)

4) – can be controlled as KNAUER switching valve

5) – driver was developed by Data Apex

Fraction collectors (one fraction collector in a system, no combination of a fraction valve and a fraction collector possible)	OpenLAB CDS EZChrom Edition CDS version and Driver Version	ClarityChrom CDS version and Driver Version	Chromleon CDS version Driver version	ChromGate CDS version and Driver Version	PurityChrom Bio
KNAUER MultiValve Fraction Collector (all KNAUER electric valve drives; 2, 6, 12 and 16 ports)	OLEE A.01.05 Driver 1017 ¹⁾	CCP 2.6 ²⁾	n/a	CG 3.1.6 Driver 423 ¹⁾	Version: 5.07.039 ³⁾
Smartline Fraction Collector 3050 ⁴⁾	n/a	CCP 2.6	n/a	CG 3.3.1 Driver 1640	n/a
Büchi Fraction Collector C-684 ⁵⁾	n/a	n/a	n/a	CG 3.1.6 Driver 423	n/a
Büchi Fraction Collector C-660	OLEE A.01.05 Driver 1017	CCP 2.6	n/a	CG 3.1.6 Driver 423	n/a
ISCO Fraction Collector Foxy Jr.	n/a	CCP 2.6	Implemented (not by KNAUER)	CG 3.1.6 Driver 423	Version: 5.07.039
ISCO Fraction Collector Foxy R1 ⁶⁾	OLEE A.01.05 Driver 1017 ⁷⁾	CCP 2.6.5 Driver 1094 ⁸⁾	Implemented (not by KNAUER)	CG3.3.2 Driver 1751 ⁷⁾	Version: 5.07.039
ISCO Fraction Collector Foxy R2 ⁶⁾	OLEE A.01.05 Driver 1017 ⁷⁾	CCP 2.6.5 Driver 1094 ⁸⁾	n/a	CG3.3.2 Driver 1751 ⁷⁾	Version: 5.07.039
ISCO Fraction Collector Foxy 200 ⁹⁾	n/a	CCP 2.6 – CCP 2.6.5 Driver 1100 ⁹⁾	Implemented (not by KNAUER)	CG 3.1.7 Driver 1466 – CG3.3.2 Driver 1751 ⁹⁾	n/a
Labocol Vario 2000 Fraction Collector	OLEE A.01.05 Driver 1017	n/a	n/a	CG 3.1.6 Driver 423	n/a
Labocol Vario 4000 Fraction Collector	OLEE A.01.05 Driver 1017	n/a	n/a	CG 3.3.1 Driver 1640	n/a
VICI Valco MultiValve Fraction Collector	OLEE A.01.05 Driver 1017 ¹⁾	n/a	n/a	CG 3.3.1 Driver 1640 ¹⁾	Version: 5.07.039 ³⁾
Virtual Fraction Collector	OLEE A.01.05 Driver 1017	CCP 2.6	n/a	CG 3.1.6 Driver 423	n/a
Injection Module (combined module with pump and injection valve for injection of large injection volumes, allows for stacked injection) ¹⁰⁾	OLEE A.01.05 Driver 1017	n/a	n/a	CG 3.3.1 Driver 1640	n/a

¹⁾ – up to 32 valves in a cascade

²⁾ – up to 12 valves in a cascade

- 3) – only one valve can be used as fraction collector, no cascading is supported
- 4) – switch between RS-232 and LAN with a switch on the devices rear panel
- 5) – requires special relay module for serial communication
- 6) – touch panel is not blocked in remote, do not touch it while the device is under software control
- 7) – LAN control from firmware version 1.01.03
- 8) – only RS-232, communication via LAN is not supported
- 9) – support is discontinued due to several incompatible firmware versions; not all devices may work with the driver
- 10) – several pumps were added to the module when released; however, a pump is only supported in the injection module if the mentioned pump is also available as a separate pump

Other software

Mobile Control (KNAUER): Version 1.0.8: AZURA devices Pump 6.1L (from firmware version 1.2), UVD 2.1L (from firmware version 2.03), ASM 2.1L (from firmware version 1.09); Mobile Control support in OpenLAB CDS EE from 4.2.0.2047 (release)

LabView (National Instruments): Driver for AZURA Pumps P 2.1S / P 4.1S, Smartline 100, BlueShadow Pumps 10P / 20P

HyStar™ (Bruker): Compass HyStar™ 3.2 Plug-in: Drivers for PLATINblue system (Pump P-1, DAD PDA-1, UV Detector MW-1, Column Thermostat T-1, Autosampler AS-1, Manager M-1 (LPG valves only, interface module is not supported))

Xcalibur™ (Thermo): Version 2.0.7 and 2.1: Driver for PLATINblue Pump P-1, UV Detector MW-1, DAD PDA-1, Autosampler AS-1, Column Thermostats T-1 and T-1 Basic and Smartline Pump S 1050, UV Detector S 2550, Autosampler S 3950 and Column Thermostat JetStream

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