

Titel	PurityChrom® Release Notes			Seite	1 von 3
Version:	1.0	Autor:	SR	Datum	30.01.2018

Inhalt:

1. Supported Instruments2

- Pumps
- Detectors (control and digital data acquisition)
- Interfaces
- Autosamplers
- Valves
- Fraction Collectors
- Column ovens

2. Installation3

- System Requirements
- Operating Systems
- Language Selection
- Installation under Windows
- Energy Saving Features

Titel	PurityChrom® Release Notes			Seite	2 von 3
Version:	1.0	Autor:	SR	Datum	30.01.2018

1. Supported Instruments

Pumps

- Smartline Pump 100
- BlueShadow Pumps 10P/20P
- AZURA Pumps P2.1S/P4.1S
- AZURA Pumps P6.1L
- AZURA Pump P2.1L
- BlueShadow Pumps 40P
- Smartline Pump 1050
- Any pump with analog flow rate control (voltage or frequency) via SCPA Multcom Interface
- more pumps available on demand

Detectors (control and digital data acquisition)

- AZURA UV-Detector UVD2.1S
 - AZURA UV-Detector UVD2.1L
 - AZURA UV-Detector UV MWD 2.1L (4 channels, up to 50 Hz)
 - AZURA DAD 6.1L, AZURA DAD 2.1L (limited 3D functionality, up to 10 Hz)
 - AZURA Conductivity Detector CM2.1S
 - AZURA RID 2.1L (up to 2 Hz)
- RID 2.1L or CM 2.1S cannot be controlled together.
- Shimadzu RF20A
Integration of RF20A and KNAUER IFU is not possible
 - SEDEX LC
 - Smartline DAD 2600
more detectors available as controllable device only (+ data acquisition via SCPA ADC or KNAUER IFU)
 - more detectors available on demand

Interfaces

- KNAUER Interface Box IFU2.1 (Analog Inputs only)

Autosamplers

- KNAUER 3950
- KNAUER AS 6.1L
- Autosampler KNAUER Optimas
- more autosamplers (e.g. Spark Marathon, Midas) controllable via SCPA Multcom Interface

Valves

- any KNAUER Valve Drives (AZURA, smartline, Wellchrom)
- more Valves available on demand

Fraction Collectors

- ISCO Foxy R1
- ISCO Foxy R2
- LABOCOL Vario-4000, Vario-4000 Plus
- more fraction collectors (e.g. ISCO Foxy Jr.) controllable via SCPA Multcom Interface
- more fraction collectors available on demand

Column ovens

- Column ovens controllable via SCPA Multcom Interface: JetStream, Spark Mistral
- more ovens available on demand

Titel	PurityChrom® Release Notes			Seite	3 von 3
Version:	1.0	Autor:	SR	Datum	30.01.2018

2. Installation Requirements

Operating Systems	Windows XP Windows Vista Windows 7 Windows 8 Windows 10 Only English and German as operating system languages are tested and supported.
CPU/Memory	Pentium III or higher with at least 1 MHz At least 512 MB RAM (Windows XP) and 2 GB (Windows Vista and higher)
Network	Second network card is required for network integration
Graphics	Screen with minimal resolution 1024 x 768
Connectors and Slots	USB for license dongle COM, USB or LAN according to connected instruments

Language Selection

PurityChrom is available in English and German. Some Error messages and notifications may be displayed in English regardless of the language selection.

Installation and use under Windows:

Installation of PurityChrom in directories under C:\Windows\Program Files (or C:\Windows\Programme) is NOT recommended as write access may be limited by the windows user administration in these directories. Please use installation paths like C:\PurityChrom or D:\PurityChrom.

Administrator rights are necessary during installation of PurityChrom and the Windows User Account Control settings should be set to "Never notify" in order to deactivate the User Account Control. It may be re-activated after the installation.

The user needs write and read permission for registry and folders C:\Windows, C:\Puritychrom.

PurityChrom needs to be excluded from Microsoft Security Essentials. Furthermore, the Windows Defender and antivirus software should be deactivated.

Energy Saving Features

Automatic switching to energy saving mode or hibernating has to be disabled i.e. settings for "Turn Off

55 Years
Science Together



Hardware”, “Turn off Computer” or “System Standby” must be set to “Never” in the control panels energy options.