



Article No.: A49030
Articlename: AZURA Bio Compact SEC System

Bio Purification System for SEC, Lab standard

For size exclusion chromatography up to 10 ml/min

The AZURA® Bio compact SEC system takes care of time-intensive SEC methods in your lab without blocking your fully-equipped FPLC system. Thanks to its compact design and intuitive FPLC software PurityChrom®, the system offers outstanding performance and ease of use. Pre-designed methods are included in the software and can be easily adapted by changing the column volume. AZURA Compact SEC supports all columns available on the market. The AZURA series is modular and can be flexibly configured or supplemented with further modules.

Key Features

- Flow rate: 0,001–10 ml/min; 0.1 - 8 ml/min (recommended)
- Maximum system pressure: 50 bar
- Injection valve for sample injection via sample loop
- Variable single wavelength UV detector (190–500 nm)
- Fraction collector for fractionation
- Compatible with columns from all vendors
- Intuitive PurityChrom® software
- System suitable for cold room usage

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TECHNICAL DATA

System specification

Purification	simple, routine
Application	size-exclusion chromatography
Gradient	No
Flow rate	10 ml/min

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SYSTEM COMPONENTS



AZURA Assistant ASM 2.2L

Article No. AY01436

Left module: UV detector UVD 2.1S - EDA03XA Middle module: Valve drive VU 4.1 - EWA04 Right module: Pump P 4.1S, 50 bar, 10 ml, ceramic - DPG12EB

Left module : **UV detector UVD 2.1S - EDA03XA**

Middle module : **Valve drive VU 4.1 - EWA04**

Right module : **Pump P 4.1S, 50 bar, 10 ml, ceramic - DPG12EB**



Semi-preparative UV Flow Cell

Article No. A4045

3 mm path length, 2 μ l, 1/16", 30 bar, biocompatible, classical KNAUER flow cell

Flow cell type : **Semi-preparative UV flow cell**

Path length : **3 mm**

Capillary connection : **1/16"**

Max. flow rate : **50 ml/min**

Flow cell volume : **2 μ l**



AZURA V 4.1 Valve

Article No. AVN94CE

Especially for FPLC customers: New biocompatible multi-injection valve for more sophisticated separation tasks. (PEEK, 1/16", 240 bar, 0.75 mm bore size)

Operated : **electrical by VU 4.1**

Port number : **8**

Positions : **Multiposition**

Material : **Biocompatible**

Capillary connection : **1/16"**

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500 µl Sample loop

Article No. A1057

Sample loop, 500 µl, PEEK, 240 bar, 0.75 mm ID



Fraction Collector Foxy R1

Article No. A59100

Fraction collector Foxy® R1 for 1/16" or 1/8" tubing

Max. flow rate : 25 ml/min or 125 ml/min

Capillary connection : 1/16" or 1/8"

Brand : Foxy R1



Rack for Foxy R1/R2

Article No. A59107

Rack for 60 tubes 1.5 ml for Foxy® R1/R2



PurityChrom® Basic

Article No. A2650

Basic License for one system

Software name : PurityChrom® 5

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Chromatography Workstation: PC plus monitor

Article No. A13120

Desktop PC (SFF) for PurityChrom® and ClarityChrom® with 24" monitor, English edition Windows 10 Prof. 64-bit English, Intel® Core™ i5, 8 GB RAM, 256 GB SSD, two network cards



NETGEAR Switch 5-Port international

Article No. A3126INT

5-port Fast Ethernet switch NetGear FS105 5x RJ-45, 100 MBit, power plug UK, US or AUS



AZURA FPLC Start-up kit, PEEK, 1/16"

Article No. A70500

AZURA® FPLC Start-up kit, PEEK, 1/16" for 10 ml/min FPLC systems



AZURA Eluent tray E 2.1L

Article No. AZC00

AZURA® Eluent tray E 2.1L for AZURA® devices with a capacity of 6 x 1 l bottles or 4 x 2.5 l bottles or 2 x 5 l bottles, (delivery without bottles)

Type : **Eluent tray**

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Eluent supply bottle 1000 ml

Article No. A5325

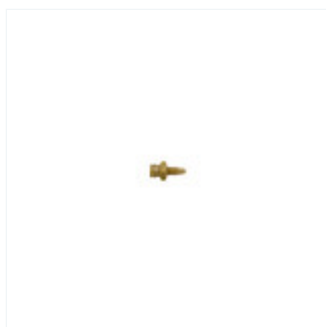
Eluent supply bottle 1000 ml, GL45 thread, square, Clear glass, with screw cap with 2 holes for tubing



250 ml Bottle

Article No. A2056

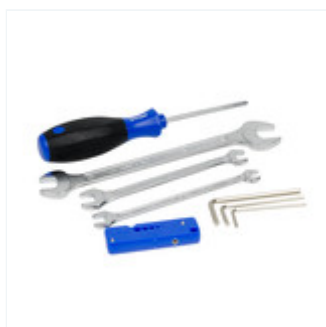
250 ml Bottle for Piston Back Flushing



Luer Adapter to 10-32, ETFE

Article No. A1980

Luer Adapter to 10-32, ETFE, female Luer to male 10/32 threads for injection, simply screw the adapter in the port of your injection valve



Tool kit AZURA

Article No. A1033

Tool Kit AZURA® for systems with PEEK or pre-cut capillary kits

Type : **Tool kit**

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Inline Filter, PEEK/Titanium, 1/16", biocompatible

Article No. A3378

Inline Filter, PEEK/Titanium, 1/16", biocompatible, to protect your column, with 2 µm pore size titanium frit



Back-Pressure Regulator

Article No. A70087

Back-Pressure Regulator for 1/16" OD tubing, 10-32 threads, PEEK, Range 1-20 bar (15-300 psi)

DOCUMENTS AND MORE INFORMATION

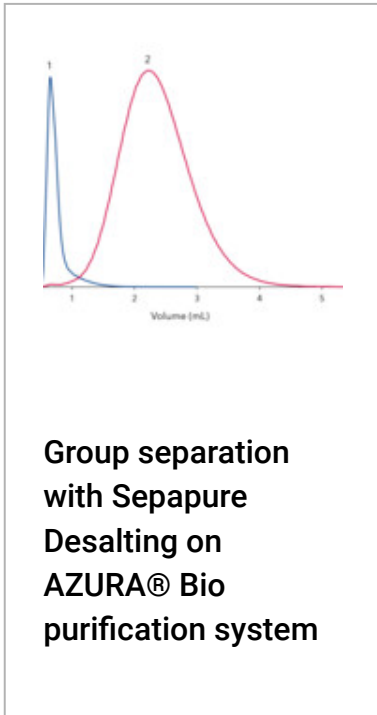
AZURA Bio LC brochure

FPLC and Purification Solutions, V7855US

Brochure English

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APPLICATIONS FOR THIS PRODUCT



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RELATED PRODUCTS



Bio Purification System for AC, Lab standard
For affinity chromatography up to 50 ml/min
Article No.: A49031



Multi Method FPLC System, Lab standard
for all Bio-Chromatography methods
Article No.: A49032



Advanced Bio purification system
for complex applications including automated two step applications
Article No.: A49033

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FPLC

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Do you need more details or a quote?

We are happy to help you



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