



Article No.: A29100
Articlename: AZURA Lab SMB System

SMB - biocompatible System for continuous chromatography in lab scale

System solution for SMB

The AZURA Lab SMB System is optimized for the multicolumn separation of binary mixtures of small or biomolecules in gram-scale. The SMB System A29100 is the standard configuration of our AZURA Lab SMB. It consists of seven 8-multiposition valves and four AZURA P 4.1S included in four Assitants ASM 2.2L. The high pressure range and the biocompatibility as well as the flexibility of the multiposition valves make this system the perfect solution for SMB chromatography.

Available Upgrade-Kits

With our preconfigured Upgrade-Kits you can upgrade your SMB chromatography system very easily and build up the system you need.

System and process control: A29800 (one CORI-FLOW), A29801 (four CORI-FLOW)

Heating and column organisation: A29903 (oven), A29901 (column holder ID 50), A29902 (for columns with 8, 16 or 20mm ID)





TECHNICAL DATA

AZURA SMB systems

Recommended flow rate	2-30 ml/min
Column dimensions	up to 30 mm ID
Column configuration	2:2:2:2, 1:1:1:1, 1:3:3:1
Operating modes	SMB
Supported software packages	PurityChrom® MCC
Wetted materials	PAEK

ACCESSORIES & SPARE PARTS



**Upgrade-Kit heating for
AZURA SMB**
SMB oven, heat up to 80°C
, suitable for all KNAUER
columns (250 x 50 mm)

Article No.: A29903



**Column Heating Sleeve for
150 x 20 mm Columns**
Heating sleeve for HPLC
column 150 x 20 mm HM
D=25..57*L=193 mm 100
°C, 230V, 200W, Pt100

Article No.: A57026



Multi Column Base Bio
Multi Column Base Bio 60
x 40 x 130cm (w x d x h)
for up to 3 MPLC columns
with conn. for cooling
device

Article No.: A70190



**Temperature Control for
KNAUER Column Heating
Sleeve**
Temperature controller for
column heating sleeve

Article No.: A57024

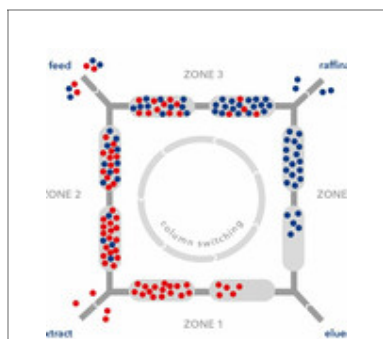


Multi Column Base

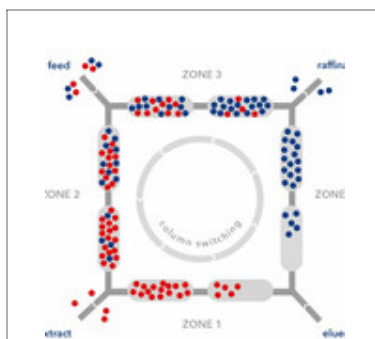
Multi Column Base including bosshead and clamps, serves as a holder for up to 3 columns with inner diameter up to 50 mm, especially made for preparative column solutions

Article No.: A0070A

APPLICATIONS FOR THIS PRODUCT



**Simultaneous
sampling of two
product streams**



**Simulated Moving
Bed (SMB) inline
sampling**

RELATED PRODUCTS



**Upgrade-Kit Flowmeter for
AZURA Lab SMB**
CORI-Flow M13, monitor
your process, maximum
security

Article No.: A29800



**Upgrade-Kit Open-/Closed-
Loop**
Valve for Open-/Close-
Loop configuration

Article No.: A29050



**Software to control your
Simulated Moving Bed
Chromatography System**
Easy to use, user-friendly,
21 CFR part 11 compliant

Article No.: A2659

Certified Quality



KNAUER is known for the quality of its products and has been certified several times. We produce high-tech laboratory instruments for research, routine analysis and production for 59 years.

[See all Quality certificates](#)

In addition, we have extended documentation about all our products, including **CE Declarations of Conformity**.

[See all CE Declarations of conformity](#)

Innovation and quality - since 1962. Made in Germany.



Do you need more details or a quote?

We are happy to help you



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