



Article No.: A29101

Articlename: AZURA Lab SMB System

## **SMB - 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 molecules in gram-scale. The SMB System A29101 is the standard stainless steel 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 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.

**Help**

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)



**Help**

## TECHNICAL DATA

### AZURA SMB systems

<b>Recommended flow rate</b>	2-30 ml/min
<b>Column dimensions</b>	up to 30 mm ID
<b>Column configuration</b>	2:2:2:2, 1:1:1:1, 1:3:3:1
<b>Operating modes</b>	SMB
<b>Supported software packages</b>	PurityChrom® MCC
<b>Wetted materials</b>	PAEK, FKM, GFP (graphite fiber reinforced PTFE), PEEK, PTFE, stainless steel, ruby, sapphire, Titanium, Aluminiumoxid (Al <sub>2</sub> O <sub>3</sub> ), Zirconium oxide

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## 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**



### **Temperature Control for KNAUER Column Heating Sleeve**

Temperature controller for column  
heating sleeve

**Article No.: A57024**

**Help**

**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**

**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**

**Help**

## 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](#)

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In addition, we have extended documentation about all our



products, including **CE Declarations of Conformity**.

[See all CE Declarations of conformity](#).

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**Do you need more details or a quote?**

We are happy to help you



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