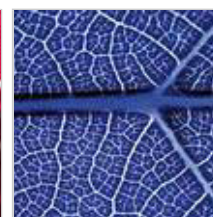
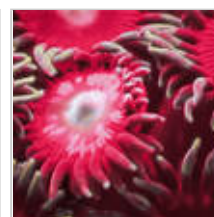


AZURA ASM 2.1L for Preparative HPLC

Article number: AYGAEAAA



The AZURA assistant for Preparative HPLC is based on the multifunctional AZURA element ASM 2.1L. It is a very compact all-in-one device solution that is integrable into the AZURA system tower and contains three integrated modules:

- The fractionation valve enables sample fractionation without an additional fraction collector.
- The consumption of solvent can be reduced by the use of solvent recycling at high flow rates. Peak recycling allows improving the resolution of a pair of closely eluting solutes (e.g., a pair of enantiomers) by automated repeated processing of the peaks.
- Large sample volumes can be applied automatically via the integrated feed pump.

A leak sensor and the capillary guidance as well as the optional control unit with touch screen facilitate the safe and user friendly operation. Modern design with completely demountable fronts and exchangeable colored side panels turn the system into a visual highlight.

The stackable elements of AZURA allow creating complex system solutions requiring only a minimum of space.

Key features



- Very compact all-in-one device
- Feed pump without pressure sensor
- Fractionation valve for fraction collection, solvent and peak recycling
- Injection valve and feed pump for automated injection of large sample volumes
- Optional control unit allows direct control of all integrated modules
- Leakage protection
- Customizable

Details

Integrated modules	Pump P 2.1S with 10 ml pump head, stainless steel Valve V2.1S with 16 port multiposition valve head, 1/16" connectors Valve V2.1S with 6 port 3 channel valve head, 1/16" connectors
Leak management	Yes
Leak sensor	Yes

Ambient conditions	10-40° C 10-90% humidity, non-condensing
Display	3.5 inch touch screen integrated in optional control unit
Dimensions	361 x 158.2 x 523 mm (W x H x D)
Power supply	100 - 240V; 50 - 60 Hz; maximum 100 W
Control	digital: LAN; start, error; analog out: error; integrator output (+- 2.5 V); touch screen
Solvent delivery	
Flow rate range	0.01 - 10 ml/min; 0.001 ml/min increments
Flow rate accuracy	± 1%, measured at 5 - 50% of flow range using ethanol/water 10:90
Flow rate precision	< 0.5% RSD
Valves	
Valve head material	Stainless steel
Capillary connection	1/16"
Maximum pressure stability	300 bar for 6 port 3 channel valve, 50 bar for 16 port multi position valve

Accessories / Spare parts

	Title	Description	Article number
	Control Unit CU 2.1	Direct control of AZURA devices via touchscreen	AZD00
	Capillary Cleaning Set for 1/16" stainless steel capillaries	Capillary Cleaning Set for 1/16" stainless steel capillaries	A0137
	Tube cutter	for all tubes	A0569
	Cutter	for metal tubing	A0681
	AZURA tool kit	tool kit for all AZURA devices	A1033
	Set of eluent supply bottles	4 x 1000 ml	A5324

Related products

	Title	Description	Article number
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	AZURA ASM 2.1L for Preparative HPLC	ASM 2.1L with 12 port multi position valve, 1/8" connectors 6 port 3 channel injection valve, 1/8" connectors Pump without pressure sensor, 50 ml pump head	AYFAEEAD
	AZURA ASM 2.1L for Preparative HPLC	ASM 2.1L with 12 port multi position valve, 1/8" connectors 6 port 3 channel injection valve, 1/8" connectors Pump with pressure sensor, 50 ml pump head	AYFAEEBD
	AZURA ASM 2.1L for Preparative HPLC	ASM 2.1L with 16 port multiposition valve, 1/16" connectors 6 port 2 position injection valve, 1/16" connectors Pump with pressure sensor, 10 ml pump head	AYGAEABA
	AZURA Preparative HPLC system isocratic (1/8")	UVD 2.1L P 2.1L Assistant ASM 2.1L with feed pump, fractionation and injection valve	SYSA003
	AZURA Preparative HPLC system LPG	UVD 2.1L P 2.1L with LPG-block Assistant ASM 2.1L with feed pump, fractionation and injection valve	SYSA004
	AZURA Preparative HPLC system HPG	UVD 2.1L 2 x P 2.1L Assistant ASM 2.1L with feed pump, fractionation and injection valve	SYSA005

Technical data are subject to change without notice.

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