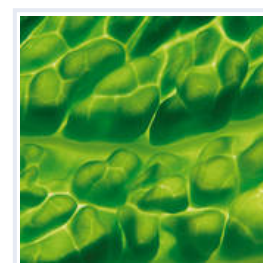


AZURA Compact Bio LC 50

For affinity chromatography

Article Nr.: 614101112











Special Offer until 31. March 2017
Contact us for more information




The AZURA Compact Bio LC 50 system was designed for isocratic affinity chromatography applications. The system offers outstanding performance and ease of use thanks to its compact design and user friendly FPLC software PurityChrom[®]. Select your sample, your washing and elution buffer using the selection valve. Your proteins of interest are detected by UV and automatically collected via the fractionation valve. Pre-designed methods and cleaning steps are included in the software and can be easily adapted by changing the column volume.

Key features




- Automatic sample/ buffer selection valve for up to 6 buffers or samples (e.g. 1. washing buffer, 2. elution buffer and 4 samples or alternatively 1. washing buffer, 2. elution buffer, 3. sample, 4. CIP solution, 5. storage solution, 6. water)
- Fraction valve (6 ports) for fractionation
- Flow rate: 0.01 - 50 ml/min; 1 - 40 ml/min (recommended)
- Variable single wavelength UV-detector (190 -500 nm)
- 100% compatible to all biochromatography columns
- PurityChrom[®] Bio software
- Maximum operating pressure: 150 bar



Product components

	AZURA Assistant ASM 2.1L for Compact FPLC System	AZURA Compact Bio LC assistant ASM 2.1L includes Variable single wavelength UV detector, Selection valve, 1/8", Pump with pressure sensor, 50 ml/min	AYCAELBH
	AZURA V 2.1S with 6-port multi-position valve head	PEEK, 1/16", 150 bar	AWA10BB
	PurityChrom® 5	Basic License: 8 devices, 3 data channels, no autosampler support	A2650
	AZURA Bio LC Start-up kit	1/16", PEEK, 50 ml	A70600
	Semi-preparative UV Flow Cell	3 mm path length, 1/16", 2 µl volume, 30 bar, biocompatible	A4045
	AZURA Eluent tray E 2.1L	Eluent tray for up to 6 x 1000 ml bottles, (delivery without bottles), or 4 x 2.5 l bottles, or 2 x 5 l bottles, or 1 x 10 l bottle	AZC00
	4 Bottles 1000 ml for Solvents and 1 Bottle for Backpiston Flushing	4 x 1000 ml Bottle 1 x 250 ml Bottle	A5324-2
	Computer MiniTower	English, PC for KNAUER chromatography data system software	A1311E
	Monitor	19-Inch LCD Monitor	A1612





	NETGEAR Switch 5-Port international	International Switch to connect all AZURA Instruments via LAN	A3126INT
	Back-Pressure Regulator	Back-Pressure Regulator 1-20 bar	A70087
	Inline Filter	Inline Filter 10 µm	A3379
	Replacement Frits	Replacement Frits 10 µm	A3379-1
	Tool kit AZURA	tool kit for systems with PEEK or precut capillaries	A1033


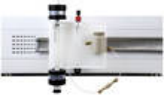
Downloads

	AZURA Bio LC brochure	FPLC and Purification Solutions, V7855US	English
	AZURA Pre-Installation Guide	AZURA Pre-Installation Guide, V6802	English, Deutsch
	PurityChrom Bio software manual	PurityChrom Bio software manual, V2650	English




	AZURA Compact BIO LC 50 Flow scheme	AZURA Compact BIO LC 50 Flow scheme, V7072A	English
	AZURA Compact Bio LC 50 Flusschema	AZURA Compact Bio LC 50 Flusschema, V7072	Deutsch

Accessories / Spare parts

	NETGEAR Router 8-Port, EU-version	Router to connect all AZURA Instruments via LAN and WLAN	A64809
	Pressure Control	for pressure difference determination	AZG10
	Interface Box IFU 2.1	4 channels, USB connection, including accessories	AZB00
	AZURA Click	For attachment of your Bio accessories to the side panel of your AZURA device	A70089
	Air Sensor	Detects end of buffer or end of sample. For 1/8" tubing.	A70093

	Product riser AZURA	28 mm height	A9860
	AZURA Organizer	For attachment of columns and more to the side panel of your AZURA device	A70085

Related products

	AZURA Compact Bio LC 10	For easy size exclusion chromatography up to 10 ml/min	672101122
	AZURA Lab Bio LC 10	for more complex FPLC applications up to 10 ml/min	872112122
	AZURA Lab Bio LC 50	for more complex FPLC applications up to 50 ml/min	862113122

Technical data are subject to change without notice.

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Your contact	Related Applications
KNAUER Wissenschaftliche Geräte GmbH	