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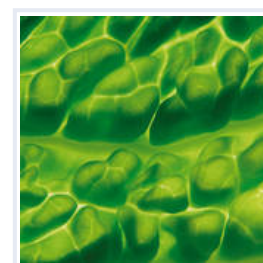
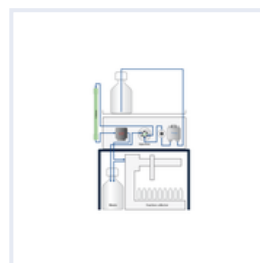
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AZURA Compact Bio LC 10

For easy size exclusion chromatography

Article Nr.: 672101122











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









The AZURA Compact Bio LC 10 system was designed for easy and isocratic FPLC applications like size exclusion chromatography. This compact and simple FPLC system allows you to run your time consuming SEC methods without blocking your valuable and expensive standard FPLC system. Thanks to its compact design and user friendly FPLC software PurityChrom[®], the system offers outstanding performance and ease of use. Inject your sample via the injection valve and detect your substances using the the integrated UV detector. The fraction collector collects your purified fractions reliably. Pre-designed methods are included in the software and can be easily adapted by changing the column volume. We recommend preparative and semipreparative columns. For analytical and micropreparative scale columns please use our pump P6.1L (APH60EB).

Key features






- Injection valve for sample injection
- Variable single wavelength UV-detector (190 -500 nm)
- Flow rate: 0,001 - 10 ml/min; 0.1 - 8.0 ml/min (recommended)
- Fraction collector for fractionation
- 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, Injection valve, 1/16", Pump with pressure sensor, 10 ml/min | AYCAECBG |
|  | Fraction Collector Foxy R1 | | A59100 |
|  | PurityChrom® 5 | Basic License: 8 devices, 3 data channels, no autosampler support | A2650 |
|  | AZURA Bio LC Start-up kit | transparent tubing, 1/16", FEP, 10 ml | A70500A |
|  | Semi-preparative UV Flow Cell | 3 mm path length, 1/16", 2 µl volume, 30 bar, biocompatible | A4045 |
|  | Sample loop | PEEK, 1/16", 100 µl | A0508 |
|  | Injection syringe | volume 250 µl | A0727 |
|  | Rack for Foxy R1/R2 | for 1,5 ml Eppendorf Tubes | A59107 |

| | | | |
|---|-------------------------------------|---|----------|
|  | 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 |
|  | Eluent supply bottle | 1 L | A5325 |
|  | 250 ml Bottle | Bottle for Piston Back Flushing | A2056 |
|  | 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 2 µm | A3378 |
| | Replacement Frits | Replacement Frits 2 µm | A3378-1 |
|  | Tool kit AZURA | tool kit for systems with PEEK or precut capillaries | A1033 |




Downloads

| | | | |
|---|--|--|-----------------------------|
|  | <p>AZURA Bio LC brochure</p> | <p>FPLC and Purification Solutions, V7855US</p> | <p>English</p> |
|  | <p>AZURA Pre-Installation Guide</p> | <p>AZURA Pre-Installation Guide, V6802</p> | <p>English, Deutsch</p> |
|  | <p>PurityChrom Bio software manual</p> | <p>PurityChrom Bio software manual, V2650</p> | <p>English</p> |
|  | <p>AZURA Compact Bio LC 10 Flow scheme</p> | <p>AZURA Compact Bio LC 10 Flow scheme, V6709A</p> | <p>English</p> |
|  | <p>AZURA Compact Bio LC 10 Flusschema</p> | <p>AZURA Compact Bio LC 10 Flusschema, V6709</p> | <p>Deutsch</p> |

Accessories / Spare parts

| | | | |
|---|-----------------------------------|---|--------|
| | NETGEAR Router 8-Port, EU-version | Router to connect all AZURA Instruments via LAN and WLAN | A64809 |
|  | Benchtop rack AZURA L high | space-saving solution for AZURA systems build up | A70011 |
|  | 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

| | | | |
|---|--------------------------------|---|------------------|
|  | <p>AZURA Compact Bio LC 50</p> | <p>For affinity chromatography up to 50 ml/min</p> | <p>614101112</p> |
|  | <p>AZURA Lab Bio LC 10</p> | <p>for more complex FPLC applications up to 10 ml/min</p> | <p>872112122</p> |
|  | <p>AZURA Lab Bio LC 50</p> | <p>for more complex FPLC applications up to 50 ml/min</p> | <p>862113122</p> |

Technical data are subject to change without notice.

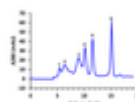
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Related Applications



Easy size exclusion
chromatography of a protein
standard with AZURA Compact
BIO LC 10