



Knauer (Germany) – AZURA HPLC/UHPLC Systems

- Ultra-High Pressure Capability : 862 bar (HPLC) and 1240 bar (UHPLC), enabling use of sub-2- μ m particles for maximum resolution and speed.
- Modular Design & Expandability : You can tailor your system with pumps, injectors, detectors, thermostats, and more
- Flexible Pumping Options : isocratic, binary high-pressure gradient (HPG), or quaternary low-pressure gradient (LPG) pumps.
- Wide Flow Range : Supports very low flow rates (0.001 ml/min), up to high 10 ml/min in HPLC versions and up to 5 ml/min in UHPLC versions.
- Wide range of detectors : UV/Vis (UVD), diode-array (DAD), multi-wavelength (MWD), refractive index (RID), fluorescence (FLD), ELSD, etc...
- Autosampler can handle from microscale injections (0.1 μ L) up to large volumes, enabling flexibility in method development and QC.
- Supports major chromatography control software (ClarityChrom®, OpenLab®, Chromeleon™) and 21 CFR Part 11 compliant.



Knauer (Germany) – AZURA Bio FPLC Systems

- Flexible, Modular Design : Fully modular — choose and combine pumps, injectors, detectors, valves, fraction collectors and sensors
- Wide Flow-Rate Range : 0.001 ml/min up to 50 ml/min, giving flexibility for both fine-tuned analytical purification and high-throughput preparative tasks.
- Intuitive, GMP-Compatible PurityChrom® Software : intuitive, powerful and available in 21 CFR Part 11 compliant versions
- Scalable from Lab to Pilot : Allows users to scale from lab-scale (Bio Lab) to pilot-scale (Bio Pilot) without changing platform architecture, maintaining consistency in purification processes.
- Multi-Column Method Development : Supports column-selection valves (up to 7 columns), for method development, screening different resins, or testing reverse-flow strategies.



Knauer (Germany) – AZURA Preparative HPLC Systems

- Flexible, Modular Design : Fully modular — choose and combine pumps, injectors, detectors, valves, fraction collectors
- Wide Scale Range (Lab to Pilot) : From lab-scale with flow rates up to 50 mL/min to pilot-scale systems reaching 1,000 mL/min
- Custom Gradient Options : Binary, ternary and isocratic gradient modes
- Advanced Recycling Capabilities : Solvent and peak recycling modes to maximize yield, reduce solvent waste, and improve purification efficiency.
- Supports a broad range of column sizes (4 to 150 mm ID).
- Intuitive, GMP-Compatible PurityChrom® Software : intuitive, powerful and available in 21 CFR Part 11 compliant versions
- Compact to Large System Scale-Up.