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ProStar Analytical HPLC Systems

A Comprehensive Collection

For over two decades, Varian's broad range of reliable and easy-to-use liquid chromatography instruments have served pharmaceutical, environmental, chemical, and other industrial R&D and QC/QA laboratories worldwide. Our analytical systems meet the rigorous requirements of routine analyses in addition to the performance standards of research and development. Every ProStar module is quality assured for reliability and performance by Varian's ISO 9001-certified factory. If you require any combination of sensitivity, high sample throughput, sophisticated data handling, GLP compliance, or special services, expect this and more from Varian's ProStar line.

From Components to Systems

ProStar modules can be fully integrated and fully automated or operated as intelligent standalone units. In fact, each ProStar module can be easily integrated into your current HPLC system. Plus, ProStar modules can be upgraded to meet your ever-changing demands.

More Choices Offer Better Solutions

Because not all applications are the same, ProStar modules are designed to fit your specific need. To get the right HPLC system for your lab, you can select a preconfigured system or custom choose each module. And because each module can be specialized with options for your particular application, the possibilities are endless.

Series 200 Pumps

210 Analytical-to-preparative flow rates
215 Analytical-to-prep flow rates at higher pressures
220 Isocratic, microbore-to-analytical flows
230 Ternary, microbore-to-analytical flows
240 Quaternary solvents, microbore-to-analytical

Series 300 Detectors

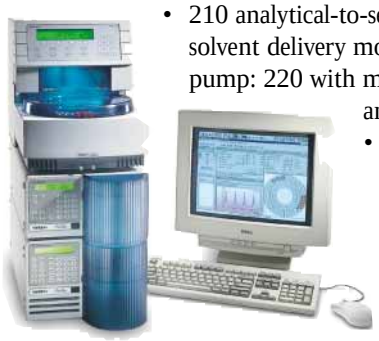
310 UV/Vis, analytical, programmable
320 UV/Vis, analytical-to-prep
330 Photodiode array, analytical-to-prep
340 UV/Vis, basic, analytical-to-prep
345 UV/Vis, dual wavelength
350 Refractive index, analytical
363 Programmable Fluorescence
9080 Electrochemical, microbore-to-analytical

Series 400 AutoSamplers

400 Standard, loop overfill
410 Variable volume, analytical-to-preparative
420 Variable volume, analytical, high-precision
430 Variable volume, variable 96-well plate

Recommended Routine Isocratic System

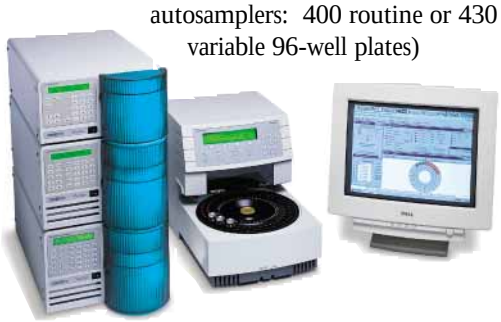
- 340 UV/Vis single wavelength detector (optional detectors: 310 or 320 UV/Vis)
- 210 analytical-to-semipreparative solvent delivery module (optional pump: 220 with microbore-to-analytical flow rates)
- 400 AutoSampler



ProStar isocratic HPLC systems with easy-to-use features are reliable and efficient for busy laboratories.

Recommended QA/QC Binary System

- 310 UV/Vis detector (optional detectors: 320 UV/Vis, 330 photodiode array, or 345 UV/V dual wavelength)
- Two 210 analytical-to-semipreparative solvent delivery modules
- 410 AutoSampler with variable volume (optional autosamplers: 400 routine or 430 with variable 96-well plates)



ProStar binary gradient HPLC systems are versatile and perform ideally for contract testing and quality control applications.

Recommended R&D Ternary System

- 330 Photodiode array detector (optional detectors: 310 UV/Vis, 320 UV/Vis, or 345 UV/Vis dual wavelength)
- 230 Ternary solvent delivery modules with microbore-to-analytical flows (optional pumps: Two 215 analytical-to-semipreparative)
- 410 AutoSampler with variable volume (optional autosamplers: 420 with variable volume and vial format or 430 with variable 96-well plates)



ProStar's elite photodiode array detector-based systems provide users with full spectral purity information using the latest hardware and software tools.

ProStar Analytical HPLC Systems

Recommended R&D Quaternary System

- 330 Photodiode array detector (optional detector: 345 UV/Vis dual wavelength)
- 240 Quaternary solvent delivery module
- 410 AutoSampler with variable volume (optional autosampler: 420 with variable volume and vial format)

Recommended Research Professional System

- 330 Photodiode array detector (optional detector: 310 UV/Vis)
- 230 Ternary solvent delivery modules with microbore-to-analytical flows (optional pump: Three 215 analytical-to-semipreparative)
- 430 AutoSampler with variable 96-well plate (optional autosampler: 420 with variable vial format)



ProStar research HPLC systems with easy-to-use features are reliable and efficient for busy laboratories.

Columns and Accessories

Varian offers a full line of column ovens, fraction collectors, columns, and supplies to complete your system. From packing material to axial compression column packers for preparative purposes, Varian is your one stop shop.

Technical Data

ProStar Model	*Cat. No.*	*Description*
210	0393550001	Analytical-to-preparative solvent delivery module
215	0393550002	Analytical-to-preparative solvent delivery module with higher back pressure rating than ProStar 210
220	0393613005	Isocratic, microbore-to-analytical solvent delivery module
230	0393613001	Ternary, microbore-to-analytical solvent delivery module
230 inert	0393613002	Ternary, inert version solvent delivery module
240	0393613003	Microbore-to-analytical solvent delivery module with quaternary solvent capabilities
240 inert	0393613004	Inert version solvent delivery module with quaternary solvent capabilities
310	0391913492	Programmable wavelength, analytical UV/Vis detector
320	0393560001	Programmable wavelength, dual-path analytical and preparative UV/Vis detector
330	0393570101	High resolution photodiode array detector (190 nm to 800 nm)
340	0393638301	Basic, analog UV/Vis detector
345	0393638401	Dual-wavelength output, programmable UV/Vis detector
363	0393572801	Programmable, scanning fluorescence detector
400	0393529101	Basic, full-loop fill autosampler
410	0393529001	Variable volume, analytical-to-prep autosampler
420	0393528901	Variable vial format, high-precision analytical autosampler
430	0393529201	Variable format, 96-well plate autosampler
510	0393572101	Programmable column thermostat

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