



Agilent 1200 Series Isocratic LC System

Robust, reliable, easy to use

The Agilent 1200 Series isocratic system is a workhorse designed specifically for the demanding needs of QA/QC applications or any other application requiring high performance in a low cost, budget oriented HPLC system.

The unmatched robustness, reliability and numerous built-in productivity features of the Agilent 1200 Series isocratic system deliver state-of-the-art hardware in a small footprint package. The easy and fast maintenance and minimal user training requirements make this system affordable to own and operate.

Expandable platform

- Isocratic to quaternary pump upgrade kit extends the solvent range from 1 to 4 solvents
- Performance enhancement with the addition of any other Agilent 1200 Series module, such as degassers, fraction collectors, autosamplers, valves and detectors
- Fully compatible with all Agilent 1100 Series modules

Upgradeable to meet your changing needs

With its modular design, the Agilent 1200 Series isocratic system is the ideal starter system. Completely upgradeable, it will protect your investment by allowing you to enhance system performance or add automation and detector modules to meet future requirements.



Features and benefits

- Convenient front access to all maintenance parts for quick replacement without disassembling instrument
- Early Maintenance Feedback (EMF) continuously tracks long-term instrument usage with pre-defined limits and feedback message if limit is exceeded
- Built-in self-test routines, logbooks and preprogrammed test methods help identify problems fast
- Task oriented online help for QA/QC operation
- Instructions for installation, performance verification, operation, preventive maintenance and system suitability testing are supplied in printed form and on CD-ROM with video tutorials for typical maintenance procedures
- Full programming capability, such as intelligent method sequencing which includes built-in shutdown methods to help reduce solvent costs and prolong column lifetime



Agilent 1200 Series Isocratic LC System Configurations

Configurations to meet your application and performance requirements

The Agilent 1200 Series isocratic LC system can be ordered in various configurations to meet different application and performance needs.

Two configurations are described which span the full performance and functionality range of the Agilent 1200 Series isocratic system. Whatever system configuration is chosen as a starting point, the modular, scalable and open system architecture of the Agilent 1200 Series isocratic system allows future expandability and adaptability to other configurations and applications.

Please contact your local sales representative for more detailed information and further advice.

Options that complement your configuration

- Control module:
Agilent 1200 Series instant pilot
- Software: ChemStation Plus, EZChrom Elite, Cerity for Pharmaceutical QA/QC
- Detectors: Agilent 1200 Series MSD, Agilent 6000 Series MSD, Agilent 1200 Series detectors
- Sample capacity: Agilent 1200 Series sample capacity extension
- Columns: ZORBAX columns

Agilent 1200 Series isocratic LC system configuration examples

Configuration 1

Entry level workhorse system designed specifically for the demanding needs of QA/QC applications or any other application requiring high performance in a low cost, budget oriented HPLC system.

- Agilent 1200 Series isocratic pump G1310A
- Agilent 1200 Series manual injector G1328A
- Agilent 1200 Series variable wavelength detector G1314B
- Standard flow cell for Agilent 1200 Series variable wavelength detector, 10 mm pathlength, 14 μ L volume, pressure tight to 40 bar, G1314B#18

Configuration 2

The most flexible configuration for high throughput automated isocratic analysis with UV-Vis detection.

- Agilent 1200 Series isocratic pump G1310A
- Agilent 1200 Series autosampler G1329A
- Agilent 1200 Series variable wavelength detector G1314B
- Standard flow cell for Agilent 1200 Series variable wavelength detector, 10 mm pathlength, 14 μ L volume, pressure tight to 40 bar, G1314B#18

Agilent 1200 Series instant pilot

The instant pilot provides enhanced readability with a high resolution, high contrast, color display, now twice the size of the previous display. All chromatographic signals and instrument parameters can be plotted simultaneously on the display using different colors.

- Cost-effective, standalone solution for single instrument control
- Full instrument control and display of the online signal



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