



## Agilent 1200 Series Binary LC System

### Utmost in gradient and flow performance

The outstanding performance of the Agilent 1200 Series binary gradient system will make it your first choice when your requirements demand the maximum in gradient and low flow rate accuracy and precision. It is the ideal system for all high-throughput and ultra-fast applications.

### Upgradeable to meet your changing needs

The modular design of the Agilent 1200 Series binary system means that you can enhance the performance of your system to meet future requirements with the addition of any other Agilent 1200 Series module.



### 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
- 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 Binary LC System Configurations

## Configurations to meet your application and performance requirements

The Agilent 1200 Series binary 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 binary LC system. Whatever system configuration is chosen as a starting point, the modular, scalable and open system architecture of the Agilent 1200 Series binary LC 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

[www.agilent.com/chem/1200](http://www.agilent.com/chem/1200)

Copyright © 2006 Agilent Technologies. All Rights Reserved. Reproduction, adaptation or translation without prior written permission is prohibited, except as allowed under the copyright laws. Published February 1, 2006  
Publication Number 5989-4342EN

## Agilent 1200 Series binary LC system configuration examples

### Configuration 1

A cost effective configuration when you require maximum in gradient and low flow rate accuracy and precision. It is the ideal system for all high-throughput applications.

- Agilent 1200 Series micro vacuum degasser G1379B
- Agilent 1200 Series binary pump G1312A
- Agilent 1200 Series autosampler G1329A
- Agilent 1200 Series thermostatted column compartment G1316A
- Agilent 1200 Series variable wavelength detector SL G1314C
- Standard flow cell for Agilent 1200 Series variable wavelength detector SL, 10 mm pathlength, 14  $\mu$ L volume, pressure tight to 40 bar, G1314C#018

### 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.

### Configuration 2

The most flexible configuration when you require the maximum in gradient and low flow rate accuracy and precision, high-speed, multi-wavelength and full spectral UV-visible detection for peak purity analysis and spectral confirmation.

- Agilent 1200 Series micro vacuum degasser G1379B
- Agilent 1200 Series binary pump G1312A
- Solvent selection option for Agilent 1200 Series binary pump G1312A#031
- Agilent 1200 Series high performance autosampler G1367A
- Agilent 1200 Series thermostat for high performance autosampler G1330B
- Agilent 1200 Series thermostatted column compartment G1316A
- Agilent 1200 Series diode array detector SL G1315C
- Standard flow cell for Agilent 1200 Series diode array detector SL, 10 mm pathlength, 13  $\mu$ L volume, pressure tight to 120 bar, G1315C #018

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



Agilent Technologies