



1260

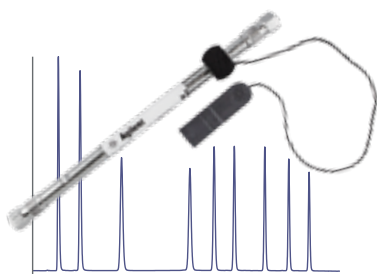
Agilent 1260 Infinity II Prime LC

**ACHIEVE CONVENIENCE –
EVERY DAY IN EVERY WAY**



ACHIEVE CONVENIENCE AND EFFICIENCY – EVERY DAY IN EVERY WAY

The Agilent 1260 Infinity II Prime LC is the most capable and convenient LC within the 1260 Infinity II LC portfolio. Equipped with superior Agilent 1290 Infinity II technology it offers the highest ease-of-use and functionality for everyday analysis.



EVERYDAY ANALYTICAL EFFICIENCY

Low delay volume, extended pressure range up to 800 bar, and superior quaternary mixing with perfectly matching columns take you one step further in your everyday work enabling higher precision and accuracy.



EVERYDAY INSTRUMENT EFFICIENCY

Access and control your instrument from any location. Automated instrument features combined with easy column handling and superior sample logistics, let you achieve a new level of confidence in your daily work.



EVERYDAY LABORATORY EFFICIENCY

Intelligent System Emulation Technology (ISET) ensures seamless method transfer from any other LC system. One system configuration can replace many old instruments, while offering a standardized, future-proof platform.

AGILENT INFINITYLAB – A PERFECT MATCH

The Agilent InfinityLab family of instruments, columns, and supplies are matched to work seamlessly together, alongside Agilent OpenLAB software and Agilent CrossLab services, to provide highest efficiency in your laboratory workflows. Agilent InfinityLab columns and supplies provide the links to the Agilent InfinityLab LC Series to optimize performance for the highest efficiency and laboratory safety.



EXPERIENCE THE HIGHEST CONVENIENCE AND ACCURACY IN YOUR EVERYDAY ANALYSIS

The Agilent 1260 Infinity II Prime LC offers you latest instrumentation, columns, and supplies allowing you to achieve the highest separation performance for the utmost confidence in your results. Instrument automation capabilities reduce the need for manual interaction giving you a new level of convenience in your everyday work.

SUPERIOR PRECISION AND ACCURACY

The 1260 Infinity II Flexible Pump delivers ultimate performance for flow rates up to 5 mL/min within a pressure range of up to 800 bar. It also facilitates seamless method transfer and automated buffer blending.



AUTOMATED SOLVENT PURGING AND MORE

The built-in InfinityLab Multipurpose valve enables automatic software-embedded functionalities such as switching the optional mixer in and out or automatic purging.

SIMPLIFIED ROUTINE PROCEDURES

Agilent's InfinityLab Anti-Drain fitting provides easy control of solvent drainage, allowing you to perform routine maintenance procedures without spilling solvent or introducing unwanted air into the system.



GAIN CONFIDENCE IN YOUR SEPARATIONS

InfinityLab Poroshell 120 columns provide exceptional separation efficiency and reliability, while preprogrammed InfinityLab column ID tags provide detailed column and use information for enhanced traceability. What's more easy-to-use InfinityLab Quick Connect fittings ensure a leak free connection, from every user, every time.



HIGH SAMPLE CAPACITY

The 1260 Infinity II Multisampler is designed to handle both, vials and microtiter plates with ease, possessing the capacity to house up to 6,144 samples.



HANDLE SOLVENTS WITH EASE

Simplify mobile phase handling with ergonomic, easy-grip solvent bottles and impede solvent vapors from escaping into the air with InfinityLab Stay Safe caps.

TOTAL CONTROL OF YOUR LC

The Agilent InfinityLab LC Companion facilitates complete control of your LC system and is accessible on a local device, remote, or via mobile.

PERFORM ANY APPLICATION

Benefit from a broad range of detection options, including UV-visible, fluorescence, refractive index, evaporative light scattering, or mass selective detection with the new Agilent Ultivo Triple Quadrupole LC/MS or LC/MSD.



EFFICIENT COLUMN HANDLING AND SWITCHING

The 1260 Infinity II Multicolumn Thermostat holds up to four 30 cm columns and an optional InfinityLab Quick Change switching valve enables direct access to each column.

ADAPT YOUR SYSTEM TO SUIT THE WAY YOU WORK

The InfinityLab Benchtop allows you to easily configure your instrument to suit the way you work, for maximum productivity.

SOFTWARE

MAKE YOUR LAB MORE PRODUCTIVE WITH DEDICATED SOFTWARE

Agilent offers software and informatics solutions to obtain all the benefits of the 1260 Infinity II Prime LC. What's more? Seamless method transfer and stepwise upgrade paths facilitate risk-free integration in your laboratory's current infrastructure – for nondisruptive transition to highest performance within the confines of your budget.

Efficient control, acquisition, and reporting

Agilent OpenLAB CDS software gives you the most comprehensive and fully traceable management of your 1260 Infinity II Prime LC system, including instrument control, result generation, data management, and advanced reporting. For more demanding LC/MS applications, Agilent MassHunter software gives you combined control of your Agilent LC and Triple Quadrupole or Quadrupole Time-of-Flight LC/MS, as well as powerful tools for comprehensive data analysis.



Peak Explorer helps you uncover and resolve problems faster. Find anomalies at a glance – even among hundreds of chromatograms and peaks.

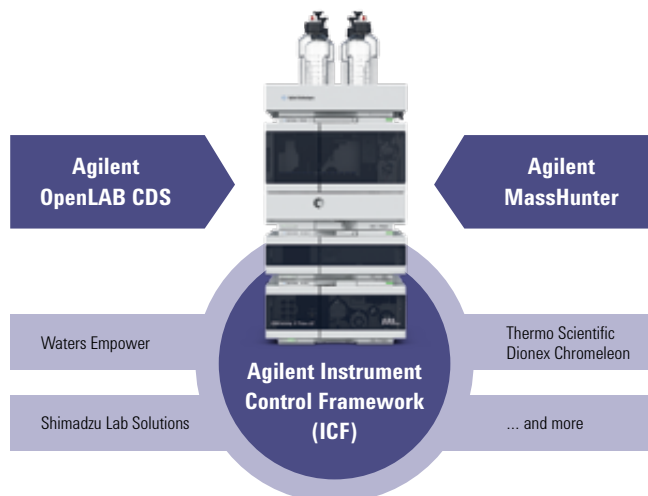
Automated buffer blending

Use the Agilent BlendAssist software to vary buffer or additive concentrations accurately during method development or in automated method changes in unattended consecutive sample runs.



Full instrument control

With a strong commitment to open systems, Agilent offers Instrument Control Framework (ICF), a free-of-charge software component that makes it faster and easier for third-party providers to enable and control Agilent LCs through their CDS or workstations. Integrate the 1260 Infinity II Prime LC in your current CDS, seamlessly and with access to most of the advanced capabilities and features.



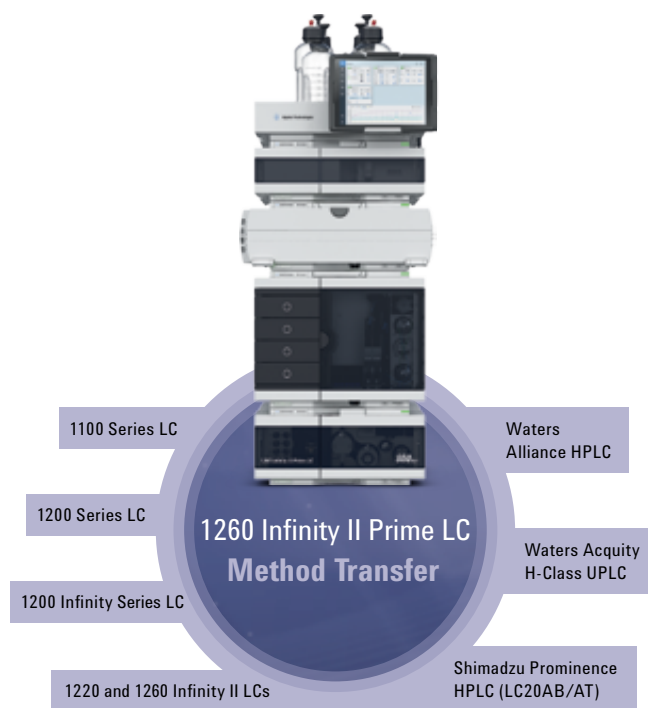
The 1260 Infinity II Prime LC runs best when controlled through OpenLAB CDS or MassHunter software. Agilent ICF technology gives third-party CDS providers an easy route to support the 1260 Infinity II Prime LC.

Seamless method transfer

Previously only available with the Agilent 1290 Infinity II LC the 1260 Infinity II Prime LC incorporates Intelligent System Emulation Technology (ISET). With ISET, you can execute any legacy HPLC or latest UHPLC method while delivering the same chromatographic results, all through a few mouse clicks. ISET eliminates deviations in resolution and retention times when your laboratory deploys methods developed originally on other HPLC or UHPLC systems.

Achieve higher productivity for method development

Speed up your method development with UHPLC performance and then fine-tune your method by emulating the target system.



With Agilent's Intelligent System Emulation Technology, you can run legacy methods while taking full advantage of the UHPLC speed, resolution, and sensitivity of the 1260 Infinity II Prime LC.

The perfect LC for MS-based routine analysis workflows

Triple your sample capacity within the footprint of the 1260 Infinity II Prime LC with Agilent's new remarkably small, but incredibly powerful Ultivo Triple Quadrupole LC/MS system your ultimate partner for productivity.

Alternatively, Agilent's new single quadrupole LC/MSD or LC/MSD XT systems may be an option for you.



Learn more

www.agilent.com/chem/1260prime

Find an Agilent customer center

www.agilent.com/chem/contactus

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