AGILENT INFINITYLAB

Maximum efficiency for your
liquid chromatography workflows

Agilent Technologies

COMPLETE SOLUTIONS FOR YOUR LIQUID CHROMATOGRAPHY WORKFLOW

Agilent InfinityLab is designed to provide you with the highest efficiency in your liquid chromatography workflow—regardless of application area. InfinityLab is an optimized portfolio of LC instruments, columns, and supplies designed to work together in perfect harmony.

Combined with Agilent OpenLAB software and Agilent CrossLab Services, Agilent provides you with end-to-end solutions and support to make every day more productive.

Achieve optimal LC performance with simplified laboratory solutions

It can be a difficult and time consuming process to identify the right solutions for your LC instrument and application. Agilent InfinityLab gives you the ability to:

- Maximize the performance and efficiency of your LC workflows with the latest innovations.

- Reduce costs with more efficient lab operations.

- Easily identify the columns and supplies that work best with your Agilent InfinityLab LC Series instrument.

INFINITYLAB LC SERIES

From routine analysis to cutting-edge research, the Agilent InfinityLab LC Series offers the broadest portfolio of LC systems and solutions for any application and budget to achieve the highest efficiency.

Agilent 1220 Infinity II LC **Agilent 1260 Infinity II LC** **Agilent 1290 Infinity II LC**

The Agilent 1220 Infinity II LC
is an affordable, high-quality, integrated system that puts you on the fast track to highest efficiency.

The Agilent 1260 Infinity II LC
is the trusted platform with the broadest choice of instrumentation, taking you to the next level of efficiency.
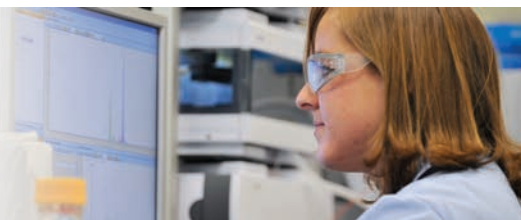
The Agilent 1290 Infinity II LC
embodies the next generation of liquid chromatography instrumentation, giving you the ultra-high performance for ultimate lab productivity.

What's more, you get 100% compatibility with all of your conventional methods, ensuring nondisruptive replacement of current instruments.

OpenLAB Controlled through Agilent OpenLAB software, InfinityLab LC Series instruments support your efforts to optimize your liquid chromatography workflows by reducing the time spent on data processing, review, and reporting.

INFINITYLAB LC COLUMNS

Agilent InfinityLab LC columns deliver consistent high throughput and high-quality results for peak operational efficiency.

InfinityLab Poroshell 120 columns—for superior efficiency and added confidence

InfinityLab Poroshell 120 columns provide exceptional speed, and resolution for reliable, reproducible results.
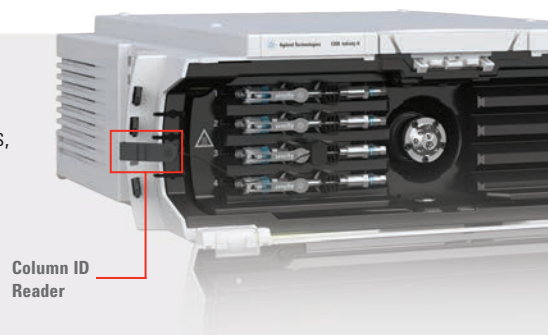
- **Analytical efficiency:** The porous outer layer and solid core limit diffusion distance and improve separation speed, while their narrow particle size distributions improve resolution.

- **Excellent lot-to-lot reproducibility:** InfinityLab Poroshell 120 columns are manufactured using a proprietary single-step porous shell process that dramatically reduces tiny differences between columns and lots.

- **Up to 12 chemistries:** This wide range of chemistries includes SB-C18 and SB-C8 for low pH applications and HPH-C18 and HPH-C8 for high pH applications.

- **Column ID:** Get the information you need for the highest quality results on your InfinityLab Series LC. The preprogrammed ID tag allows you to track various column properties and usage parameters including, but not limited to: column identity, lot and batch number, the last injection date, number of injections and the maximum temperature used.

Enhance traceability and simplify documentation

InfinityLab Poroshell 120 columns with Column ID ensure traceability of analysis, making documenting columns and conditions for routine analysis easy.

Smart InfinityLab supplies with RFID help you to plan maintenance and replacement of consumable parts, before your critical data is compromised, ensuring optimal results and efficient operations.

Column ID Reader

INFINITYLAB LC SUPPLIES

The "small" parts of your workflow make a big difference in the quality of your results. Agilent InfinityLab supplies are a range of innovative consumables designed and manufactured to optimize your liquid chromatography workflow, making your everyday tasks more efficient.

InfinityLab supplies

From maintaining your LC system, to controlling harmful solvent fumes, innovative InfinityLab supplies are designed to solve everyday laboratory problems which enables you to work more efficiently, leaving you with more time and less frustration.

InfinityLab Quick Connect and Quick Turn fittings

Stable to 1300+ bar and reusable for more than 200 runs, these fittings allow anyone to make leak-proof LC connections in seconds, with lowest dispersion.

InfinityLab Flex Bench

A fully mobile staging platform that provides easy access to your LC instruments, solvent bottles, and more. The Flex Bench reduces the qualification effect of relocating an instrument as connections between modules are maintained.

InfinityLab solvent management

- **Ergonomic solvent bottles:** Designed for easier use, and with clearer solvent identification.

- **InfinityLab Stay Safe caps:** Install easily preventing harmful solvents from leaching into the air. Their airtight fit helps to maintain long-term solvent consistency for more reproducible chromatographic results.

InfinityLab Quick Change valves

InfinityLab Quick Change valves allow you to automate a wide variety of applications including column or solvent selection, column regeneration, or sample cleanup and enrichment. This means you can avoid manually adjusting your system to suit each analysis and reduce troubleshooting time.

InfinityLab Quick Connect heat exchangers

Make your method more robust. Ensure that solvent temperatures match the conditions in your column to minimize variability in your chromatographic separations. Easy to use, Quick Connect heat exchangers are rugged and reliable for use time and time again, facilitating consistent solvent delivery conditions for every column.

Smart InfinityLab supplies

Automatically recognized by your InfinityLab LC Series instrument, smart InfinityLab supplies provide you with the critical information you need to track the use of your consumable LC parts. As a result you get optimal lab efficiency and performance, translating to reduced operating costs.

- **Long-life HiS deuterium lamps with RFID:** Access specific lamp details and seamlessly track lamp burn time, which helps to maximize lamp use time, minimize system downtime, and simplify troubleshooting.

- **Max-Light cartridge cells with RFID:** Track the use of your flow cell, including number of injections, flow rates and pressures. Reduce troubleshooting and maximize results by ensuring the cleanliness of your flow cell—before you start your analysis.

- **InfinityLab column ID modules:** Add traceability to any column when used on your InfinityLab Series LC instruments. Column ID tags provide at-a-glance detail about the last injection date, number of injections, and the maximum temperature used, adding confidence to any analysis.

InfinityLab kits

InfinityLab kits allow you to quickly and easily identify the items you need for optimal laboratory operations, giving you better and more consistent results every time.

- **InfinityLab capillary kits:** Make ordering easy and simplify identification of key components for superior LC performance.

- **InfinityLab convenience kits:** Provide the accessories you need to quickly start using your new InfinityLab LC Series instrument.

Agilent InfinityLab LC supplies allow you to get the most from your InfinityLab LC Series instrument, offering you convenience, simplicity, and increased efficiency for a more productive lab.

Agilent
Cross**Lab**

From Insight to Outcome

Agilent CrossLab offers a comprehensive suite of services to help you seamlessly transition your laboratory to new instruments and software. Our instrument services and learning solutions also maximize uptime, simplify adminstration, and protect your investment.

See how efficient your lab can be. Visit:
www.agilent.com/chem/infinitylab

Find a local Agilent customer center in your country
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