

Join Us—Become a Part of the InfinityLab Success Story

Agilent InfinityLab LC Solutions





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Agilent



Agilent InfinityLab LC Family

Reliable, Efficient, Always Innovating for Your Best Result

You can rely on Agilent InfinityLab LC instruments, columns, and supplies to deliver rugged quality and robust analytical results. But our promise to you does not stop there. Every component of the Agilent InfinityLab LC family is uniquely designed to work together, and to help you continuously improve your workflow, for efficiency gains that help you get more done and reduce operational costs.

Join us—become a part of the InfinityLab success story.



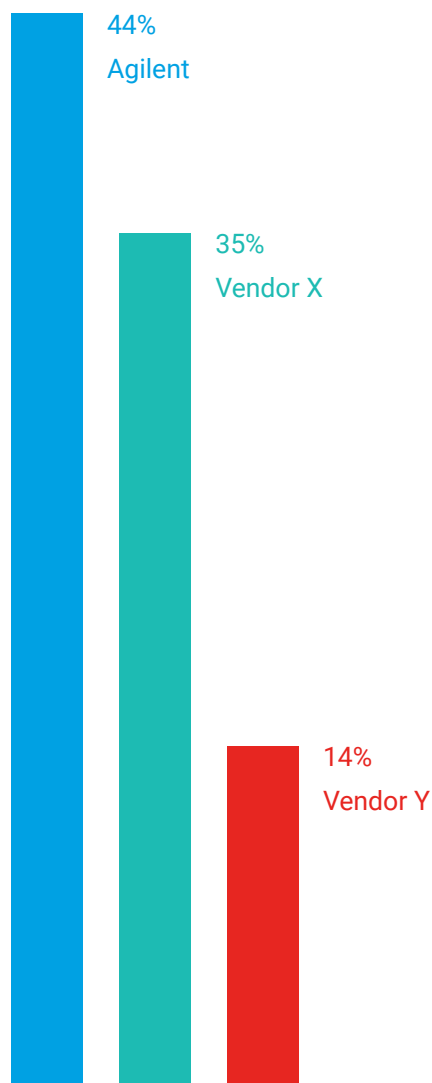
Robust and High-Quality LC and LC/MSD Solutions that Deliver Long-Lasting Value

“It just never fails.”

That’s how users perceive the world’s top selling LCs from Agilent. Every system is packed with the highest quality parts for highest uptime and longest maintenance intervals. Further, sophisticated built-in diagnostic and maintenance tools ensure reliable and secure operation.

Reliable instrument performance from start to finish

From solvent delivery through sample injection to detection, InfinityLab LCs deliver reliable and robust performance—for highest confidence in your daily results and business decisions.

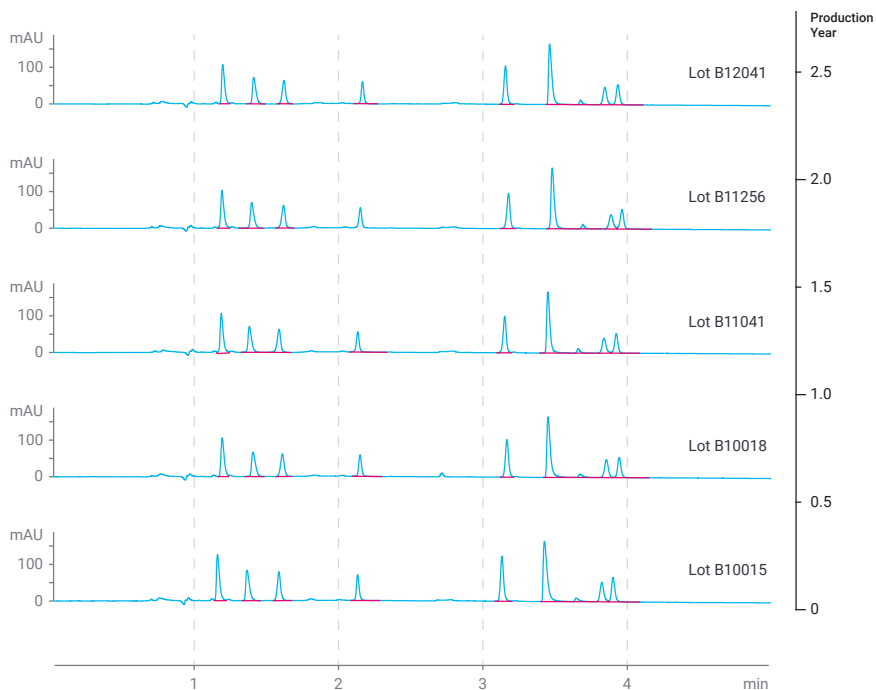


Agilent LC instrumentation cited as most reliable

Regular LCGC reader surveys since 2011 show Agilent LC instrumentation most frequently cited as most reliable (graph shows data from 2018 survey).

InfinityLab Poroshell 120 columns deliver reproducible performance for minimal workflow disruption

InfinityLab Poroshell 120 columns are manufactured using a proprietary single-step porous shell process that dramatically reduces tiny differences between columns and lots. This exceptional consistency translates into reproducible performance—lot to lot and year to year—minimizing workflow disruption.



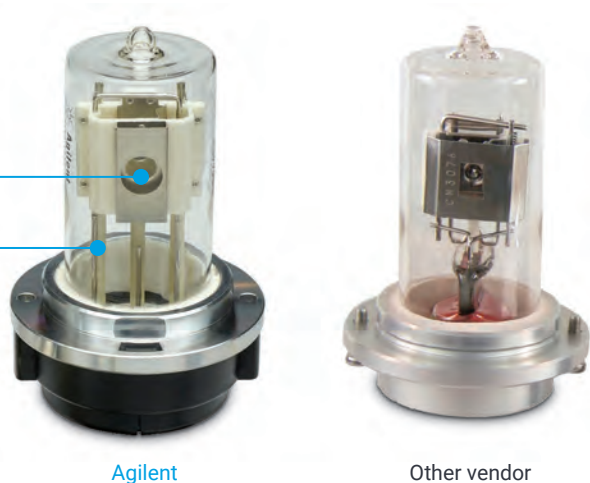
A single-step process creates a highly reproducible column, as you can see in this comparison of five different lots of InfinityLab Poroshell 120 EC-C18, 3.0 × 100 mm, 2.7 μm columns.

Maintain the highest levels of performance with original InfinityLab supplies

The “small” parts of your workflow can make a big difference in the quality of your results. That’s why Agilent designs and manufactures InfinityLab supplies to provide the links in your InfinityLab LC instruments, thereby helping you to achieve the highest performance, operational efficiency, and lab safety.

Higher S/N through aperture design

Better stability against vibration or shaking



The robust design of this Agilent deuterium lamp is clearly visible. The narrower aperture decreases noise and lowers detection limits, which extends detection capabilities and improves quantification at trace levels.

InfinityLab Instruments are the Scientists' Choice



1260 Infinity II Prime LC

Scientists Choice Award Winner

Best New Separation Product | 2018

The 1260 Infinity II Prime LC offers highest separation performance for 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.

At Agilent, we innovate with purpose. We are sharply focused on bringing innovative products to market that match requirements while exceeding expectations. Our track record of award nominations is true recognition of our exceptional reputation in the development of manufacture of innovative solutions for separation and detection by liquid chromatography.



InfinityLab Poroshell HILIC-Z Columns

"R&D 100" Finalist

Next Generation HILIC | 2018

These columns allow you to separate polar analytes using a standard LC and reversed-phase solvents. A zwitterionic stationary phase bonded to Poroshell 120 particles offers a PEEK-lined option for excellent peak shape and recovery of challenging compounds.



InfinityLab Quick Connect Fittings

The Analytical Scientist Innovation Award Winner
2014

InfinityLab Quick Connect fittings ensure a perfect column connection, from every user, every time with simple-to-use, finger-tight connections. These innovative fittings are reusable for more than 200 reconnections and stable up to 1300 bar.



1260 Infinity II LC

Scientists Choice Award Winner

Best New Separation Product | 2017

The 1260 Infinity II LC—a key component of our InfinityLab family—increases laboratory efficiency by delivering trusted analytical data, outstanding usability, and easy integration in existing infrastructures.



Dual-Needle Injection in Infinity II Multisamplers

The Analytical Scientist Innovation Award Winner
Liquid Chromatography | 2016

Dual-needle technology provides two sample flow paths within a single instrument. Having two independent paths means that during an analysis, the instrument can prepare the next sample for injection, reducing run times significantly.

Flexible LC and LC/MSD Solutions to Enable Your Best Result

From routine analysis through cutting-edge research, the InfinityLab LC family provides the broadest portfolio of liquid chromatography solutions.

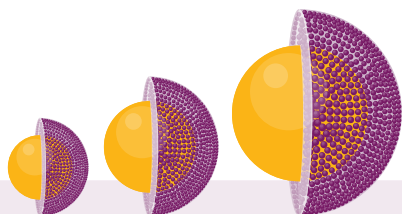
Flexibility for any application or budget

Advance with ease, at ease—that's the Agilent LC value promise that allows you to start with a small investment and then extend your capabilities as application requirements change over time. All modules of the InfinityLab LC family are designed with upgradability in mind. New modules are always compatible with previous versions for seamless upgrade and technology refresh. What's more, you can mix and match your modules without interruption to your workflows.

Mix and match

For example, choose a detection technique that meets your application requirements. Options include UV-visible, fluorescence, refractive index, evaporative light scattering or mass-selective detection.





Flexibility and scalability for any separation challenge

With three particle sizes and 18 different chemistries, InfinityLab Poroshell 120 columns provide a range of selectivity and compatibility that makes your method development and method transfer fast and easy.

18 Chemistries

Besides columns for best all-around use, we offer options for:

- Low-pH mobile phases
- High-pH mobile phases
- Polar compounds
- Alternative selectivity
- Chiral separations



Flexibility for any lab configuration

Optimize your whole lab setup. The InfinityLab Flex Bench is an ergonomic and flexible way to configure your lab, allowing you to keep your InfinityLab LCs and LC/MSDs in one stack with easy access to all areas. It enables space optimization without the burden of instrument relocation.

Ergonomic

Take your InfinityLab LC or LC/MSD iQ system to wherever it's most needed in the lab.



Complete End-To-End Solutions for the Best Scientific Insights and Operational Outcomes

Agilent OpenLab software and Agilent CrossLab services combine with the Agilent InfinityLab LC family to provide you with complete end-to-end solutions and support to ensure the best analytical outcomes. All components are a perfect fit and integrate seamlessly together in your lab. And, they're all available from a single vendor—Agilent.





Agilent OpenLab

- Chromatography data systems
- Content management
- Lab workflow management

Agilent CrossLab

- Services and support
- Education and training
- Lab Management Support
- Method and applications consulting

Agilent InfinityLab

- LC instruments
- LC columns
- LC supplies

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