Agilent
1290 Infinity LC



Infinitely more powerful

1290

products | applications | software | services

Our measure is your success.

Agilent Technologies

Agilent 1290 Infinity LC

Infinitely more powerful.

With more than enough power to handle any HPLC, RRLC or UHPLC challenge, the advanced technology in the Agilent 1290 Infinity LC provides you with access to virtually limitless separation, detection, automation and throughput possibilities. It is also the first system to give you a foundation for methods transfer to or from any Agilent or non-Agilent HPLC or UHPLC system.

Infinitely more performance

The 1290 Infinity LC system delivers best-in-class performance in terms of resolution per time, sensitivity, accuracy and precision in LC/UV and LC/MS applications by utilizing innovative components.

- Active damping for superior gradient performance and retention time precision
- Agilent Jet Weaver mixer with multi-layer technology for ultra-fast gradients and lowest baseline noise
- Agilent Max-Light flow cell with optofluidic waveguides for highest sensitivity and baseline robustness

Infinitely more flexibility

From conventional HPLC to RRLC and UHPLC, the power range of 1290 Infinity LC with 1200 bar at 2 mL/min and 800 bar at 5 mL/min allows you to use any analytical separation conditions in terms of column dimension, particle type, mobile and stationary phase, temperature, flow rate and pressure.

- A variety of injection options meet your requirements for speed, lowest carryover or cooled sample capacity.
- Agilent Quick-Change valves enable resource-saving ultrahigh-throughput, multi-method and automated method development solutions.

Infinitely lower cost of ownership

The 1290 Infinity LC is designed for highest reliability and for easy and fast maintenance. This superior design for supportability lower the service costs to similar levels as HPLC equipment – allowing you to take full advantage of the UHPLC productivity gain.

Best Solution for any application – and any budget!



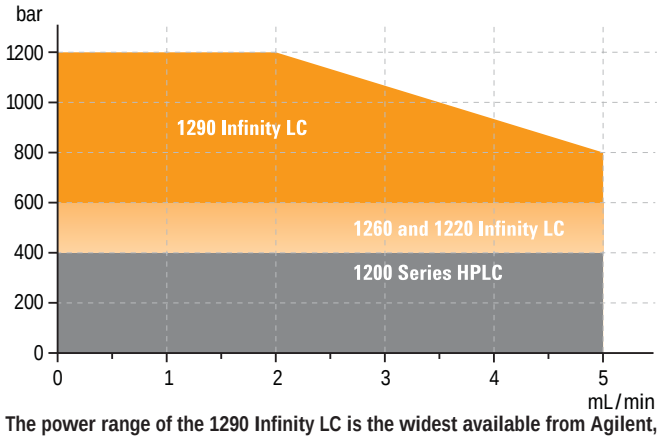
For utmost flexibility Agilent has created a continuum of products – from compact instruments for routine LC to ultrahigh performance LC/MS systems. Choose configurations to optimize every part of your laboratory operations and rest assured that each system can be enhanced as required to meet future challenges.







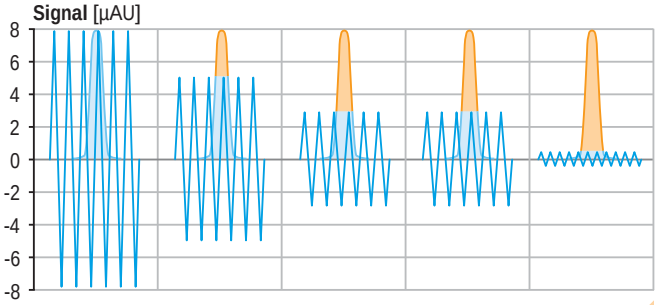

1200 Infinity Series Power Range



The power range of the 1290 Infinity LC is the widest available from Agilent, combining ultrahigh pressures up to 1200 bar and high flow rates up to 5 mL/min for maximum chromatographic performance, compatibility, flexibility and investment protection.

Detector Type Noise Specification

Vendor A	Vendor B	Vendor C	Vendor D	Agilent DAD
±8 µAU	±5 µAU	±3 µAU/cm	±3 µAU	±0.6 µAU/cm



The 1290 Infinity diode array detector achieves exceptionally low noise characteristics, for highest sensitivity and lowest limits of detection.

To learn more about the Agilent 1290 Infinity Series, visit www.agilent.com/chem/1290

More speed, resolution and sensitivity

Make your lab the most productive.

Increased productivity, confidence in analytical results and cost-effectiveness are key objectives in today's analytical laboratories. The Agilent 1290 Infinity LC delivers significantly faster results and higher data quality – enabling more informed decisions in shorter time. This higher productivity gives you competitive advantages and provides you a higher return on investment, making you more successful in your business.

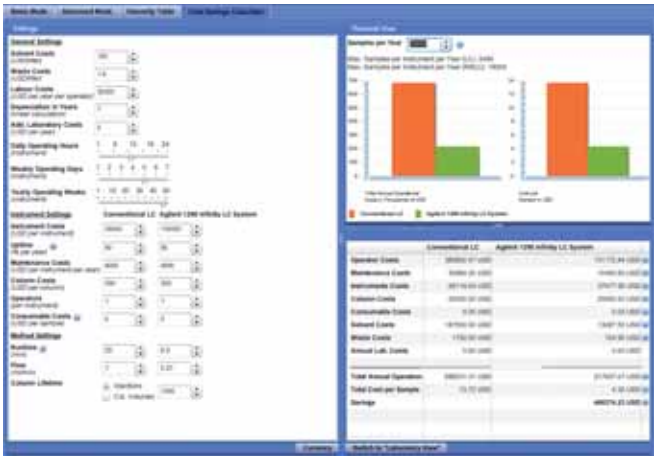
More speed

- For lower operating costs (including solvent savings)
- For higher sample throughput
- For faster answers and shorter turnaround times

More resolution

More sensitivity

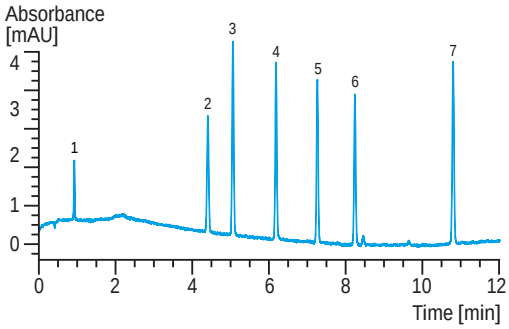
- For higher data quality, which helps you make more informed and meaningful decisions and gives you more confidence in your results



Calculate for yourself how much you can save by deploying the 1290 Infinity technology. The online method translator and cost savings calculator helps you to transfer your HPLC methods and calculate your cost savings.

Visit www.agilent.com / chem / hplc2uhplc

Conventional HPLC separation



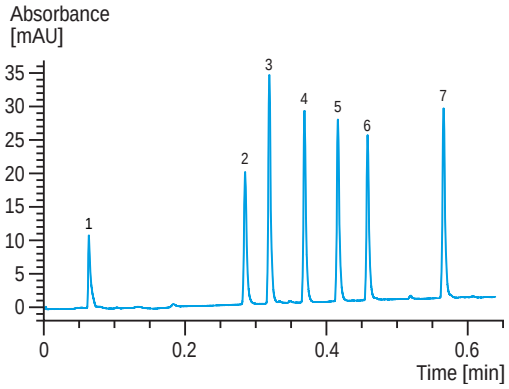
Column:	ZORBAX SB-C18, 4.6 x 150 mm, 5 µm
Injection volume:	10 µL
Run time:	12 min
Flow rate:	1.5 mL / min
Peak capacity:	228 W(1/2)
Signal / noise:	76.5
Pressure:	78 bar

1 – Uracil
2 – Phenol
3 – Methylparaben
4 – Ethylparaben
5 – Propylparaben
6 – Butylparaben
7 – Heptylparaben

Agilent 1290 Infinity LC performance

20 x more speed

10 x more sensitivity

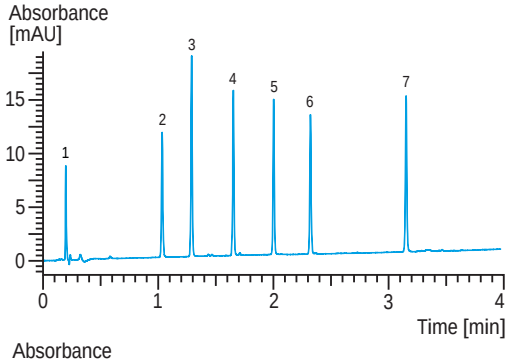


Column: ZORBAX RRHD SB-C18, 2.1 x 50 mm, 1.8 µm
Injection volume: 2 µL
Run time: 0.6 min
Flow: 2 mL/min
Peak capacity: 119 W(1/2)
Signal/noise: 740
Pressure: 1030 bar

3 x more speed

1.4 x more peak capacity

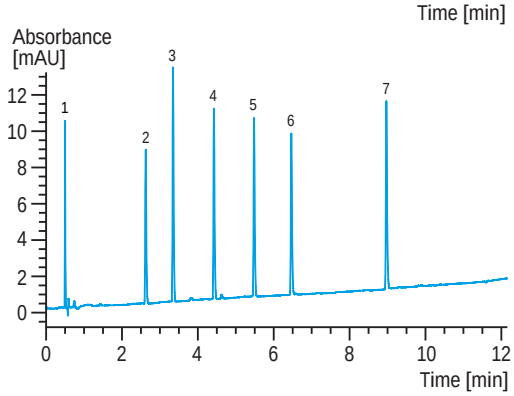
11 x more sensitivity



Column: ZORBAX RRHD SB-C18, 2.1 x 100 mm, 1.8 µm
Injection volume: 2 µL
Run time: 4 min
Flow: 1.2 mL/min
Peak capacity: 306 W(1/2)
Signal/noise: 861
Pressure: 1007 bar

1.6 x more peak capacity

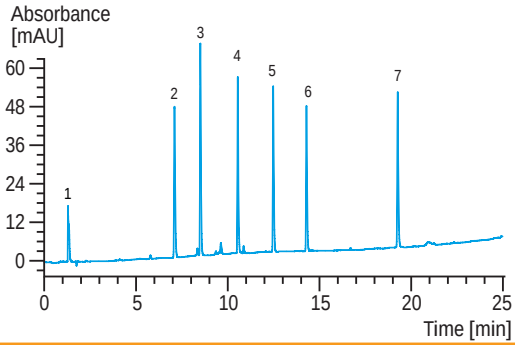
10 x more sensitivity



Column: ZORBAX RRHD SB-C18, 2.1 x 150 mm, 1.8 µm
Injection volume: 2 µL
Run time: 12 min
Flow: 0.7 mL/min
Peak capacity: 375 W(1/2)
Signal/noise: 784
Pressure: 965 bar

1.9 x more peak capacity

30 x more sensitivity



Column: ZORBAX RRHD SB-C18, 2.1 x 250 mm, 1.8 µm
Injection volume: 2 µL
Run time: 25 min
Flow: 0.4 mL/min
Peak capacity: 430 W(1/2)
Signal/noise: 2270
Pressure: 1020 bar

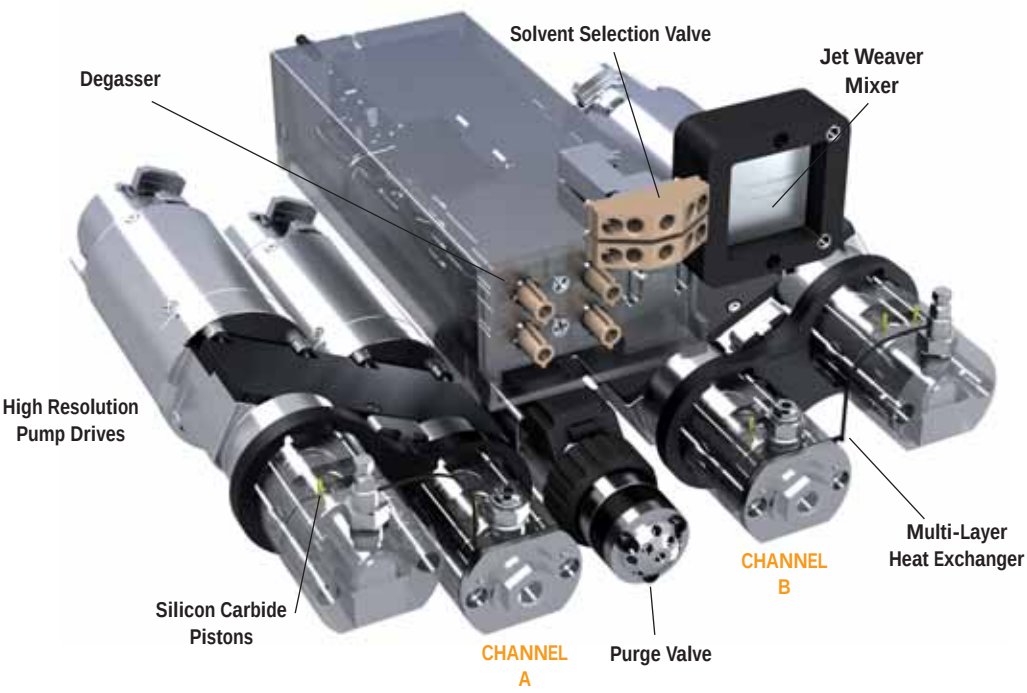
To learn more about the Agilent 1290 Infinity LC, visit www.agilent.com/chem/1290

Agilent 1290 Infinity Binary Pump

Infinitely more performance.

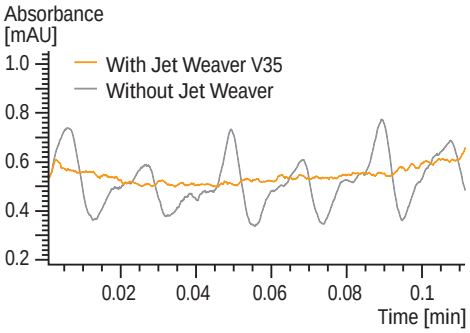
The unlimited power capabilities and next generation technology of the 1290 Infinity LC's fluid delivery system are the key for the universal applicability and ultimate chromatographic performance for any UHPLC, RRLC and HPLC challenge.

- **"Infinite" power range**
  up to 2 mL/min at 1200 bar and 5 mL/min at 800 bar – for unprecedented speed and resolution, as well as compatibility with methods developed on other platforms
- **Lowest delay volumes down to < 10 µL**
  enable ultrafast gradients for LC/MS and LC/UV applications
- **Dual-core microprocessor-controlled active damping**
  compensates for solvent properties and provides real-time flow optimization to ensure negligible noise and highest retention time precision
- **Silicon carbide pistons with superior thermal behavior**
  provide higher seal lifetime and instrument uptime
- **Integrated, high efficiency degassing**
  offers fast change-over of solvents for purging and priming the pump



Superior mixing performance

Column: ZORBAX RRHD SB-C18, 2.1 x 50 mm, 1.8 µm
Mobile phase: A: Water + 0.1 %TFA
B: Acetonitrile + 0.08 %TFA
Elution: Isocratic: 65 %B
Flow rate: 1 mL/min
Detection: 254/5 (400/80) nm, 80 Hz



Mixing performance of the Agilent Jet Weaver measured using trifluoroacetic acid (TFA) as additive.

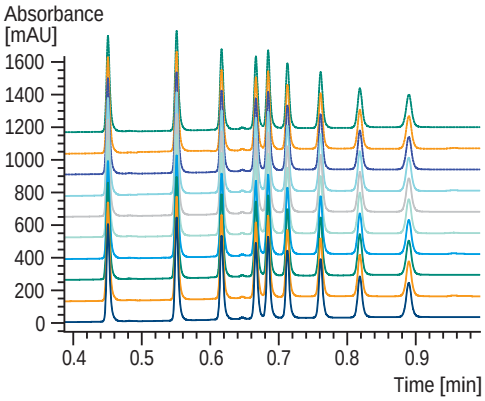


Innovative Jet Weaver mixer – based on multi-layer technology – combines highest mixing efficiency with lowest delay volumes to virtually eliminate UV detector noise.

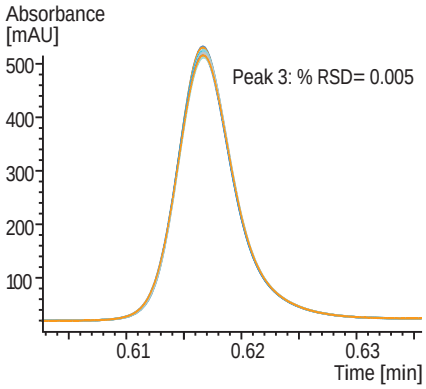
Excellent retention time precision

Column: ZORBAX RRHD SB-C18, 2.1 x 50 mm, 1.8 µm,
Mobile phase: Water/Acetonitrile
Gradient: 5 – 95 %B over 0.5 min
Flow: 1.2 mL/min,
Detection: 254/10 (400/80) nm, 80 Hz

Peak	Retention time [min]	%RSD over 10 consecutive runs
1	0.451	0.01600
2	0.551	0.00769
3	0.617	0.00517
4	0.667	0.00575
5	0.685	0.00577
6	0.713	0.00538
7	0.761	0.00585
8	0.818	0.00571
9	0.890	0.00797



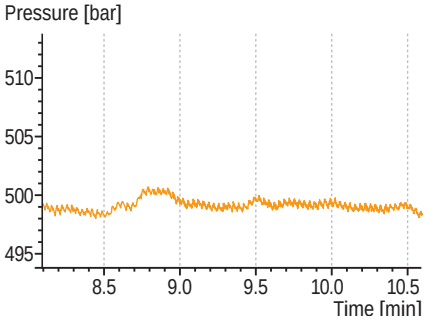
The 1290 Infinity Binary Pump achieves excellent precision of retention times for ultrafast analysis.



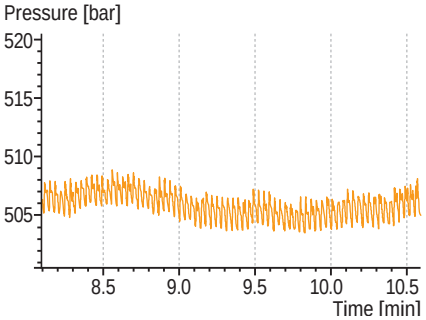
Superior retention time precision provides highest confidence for peak identification.

Lowest pump ripple

Restriction capillary, 50 µm x 50 cm
Mobile phase: Water
Flow: 1 mL/min



1290 Infinity Binary Pump with Jet Weaver V35 (delay volume < 40 µL)



1200 Series Binary Pump SL without damper and mixer (delay volume 120 µL)

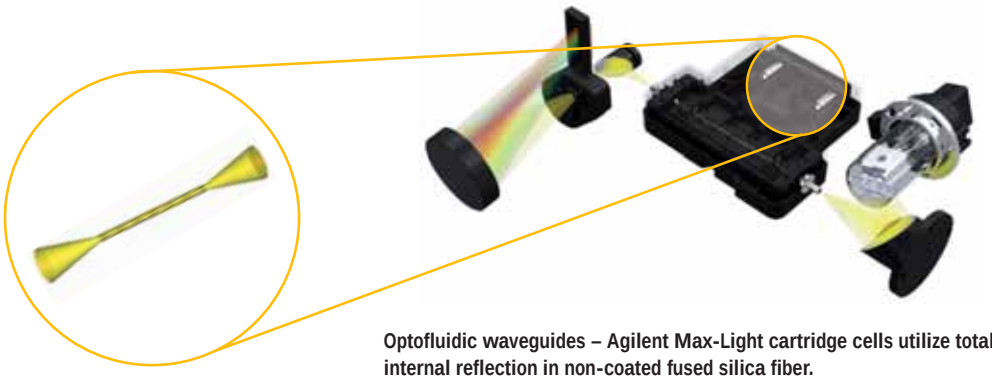
To learn more about the Agilent 1290 Infinity LC, visit www.agilent.com/chem/1290

Agilent 1290 Infinity UV Detectors

Infinitely more performance.

The 1290 Infinity Diode Array Detector achieves unmatched sensitivity for both UHPLC and conventional HPLC analyses. The Agilent Max-Light cartridge cells with optofluidic waveguides improve light transmission to near 100% efficiency without sacrificing resolution caused by cell dispersions effects. Any compromising refractive index and thermal effects are almost completely eliminated, resulting in significantly less baseline drift.

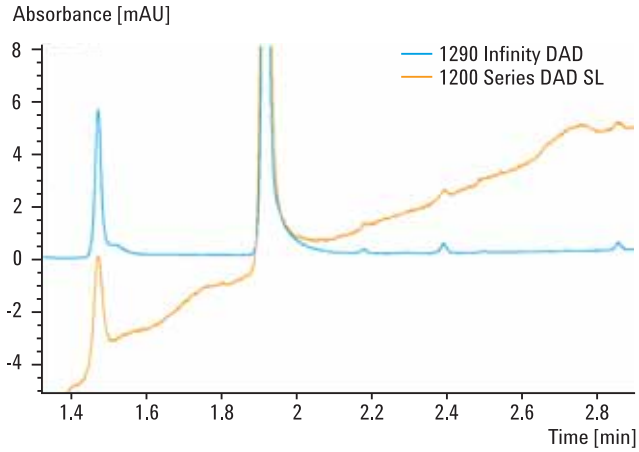
- **The universal Agilent Max-Light standard cartridge cell with 10 mm optical path length** provides high sensitivity with noise less than ± 3 µAU and lowest peak dispersion for 2.1, 3.0 and 4.6 mm ID columns
- **Less baseline drift** for more reliable and robust peak integration
- **Multiple wavelength and full spectral detection at high sampling rate of 160 Hz** keeping pace with the analysis speed of ultrafast LC
- **Programmable slit from 1 to 8 nm** for rapid optimization of sensitivity, linearity and spectral resolution through optimum incident light conditions
- **RFID tags on flow cell and lamps** for data traceability and usage tracking
- **Cartridge design of flow cells** for easy exchange



Optofluidic waveguides – Agilent Max-Light cartridge cells utilize total-internal reflection in non-coated fused silica fiber.

Highest baseline robustness

Column:	ZORBAX RRHT SB-C18, 2.1 x 50 mm, 1.8 µm
Mobile phase:	A: Water B: Acetonitrile
Elution:	5-95 %B over 3 min
Flow:	0.5 mL/min
Temperature:	80 °C
Detection:	254/4 (360/80) nm, 40 Hz

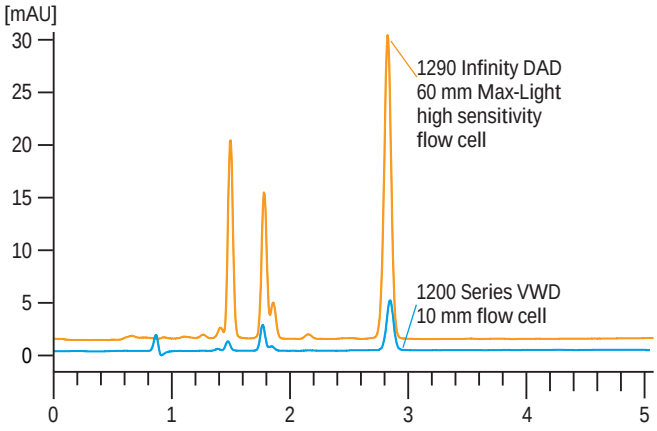


Highest baseline robustness through significantly reduced refractive index effects.

1290 Infinity Diode Array Detector for ultra UV sensitivity

The unique Agilent Max-Light high sensitivity cartridge cell with 60 mm path length provides a new level of UV sensitivity. With typical detector noise levels of less than ±0.6 µAU/cm this revolutionary flow cell gives you up to 11 times higher sensitivity than the 1200 Series DAD or VWD.

Column:	ZORBAX SB-C18, 150 x 4.6 mm, 5 µm
Injection volume:	5 µL (anthracene 835 pg/µL)
Mobile phase:	A: Water B: Acetonitrile
Elution:	Isocratic: 80 %B
Flow:	1.5 mL/min
Detection:	DAD: 251/4 nm, ref. 450/80 nm, slit 4 nm, 2.5 Hz VWD: 251 nm, 2.5 Hz



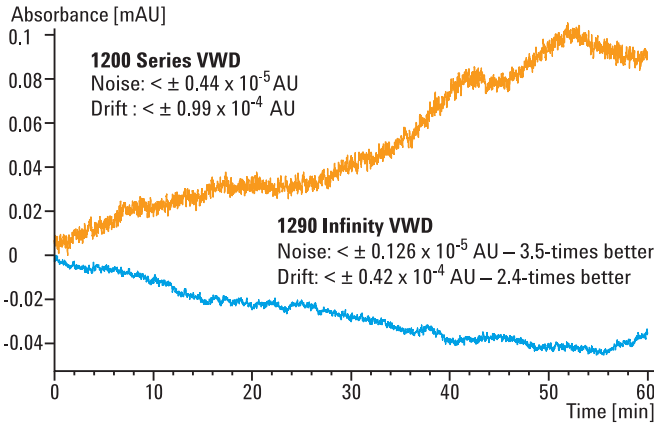
	1290 Infinity DAD 60 mm cell	1200 Series DAD 10 mm cell	1100 Series VWD 10 mm cell
Height [mAU]	28.88	4.938	4.800
Noise [µAU]	9.806	19.08	18.94
Signal / noise	2944	259	253

Comparison of signal-to-noise ratios for anthracene with different UV-detectors. The 1290 Infinity DAD delivers 11 times higher sensitivity than the 1200 Series DAD and VWD.

1290 Infinity Variable Wavelength Detector for highest sensitivity in routine applications

The 1290 Infinity Variable Wavelength Detector achieves lowest detector noise (less than ± 1.5 µAU) and lowest baseline drift (less than 1 x 10-4 AU/h) for precise quantification of trace levels. Data acquisition rates up to 160 Hz provide 100% resolution gain for ultrafast LC.

Column:	Restriction capillary
Mobile phase:	Water
Flow rate:	1 mL/min
Column temp.:	36 °C
Wavelength:	254 nm
Response time:	2 s
Peak width:	> 0.1 min



Noise performance comparison of 1290 Infinity VWD with 1200 Series VWD.

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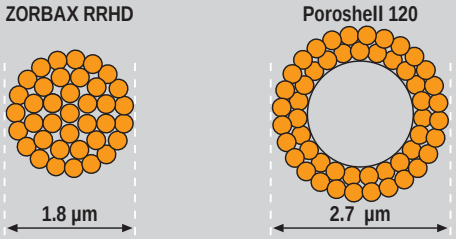
Applications, sample injection and automation

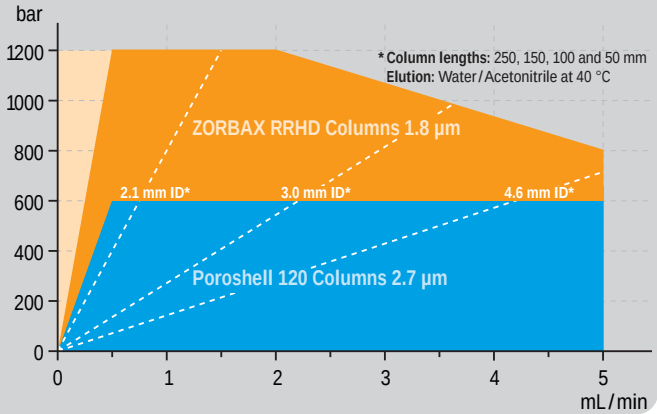
Infinitely more flexible.

Whatever the chromatography requires for optimum performance the 1290 Infinity LC with its wide power range can handle it. Choose from variety of injection options to meet you requirements for speed, lowest carryover and cooled sample capacity. A range of Agilent Quick-Change valves pave the way for ultrahigh throughput, multi-method and automated method development solutions.

Universal applicability

With the Agilent 1290 Infinity LC, you're no longer limited in your choice of column dimension, particle type, mobile and stationary phase, flow rate or pressure. The wide power range allows you to run your chromatography at optimum conditions.

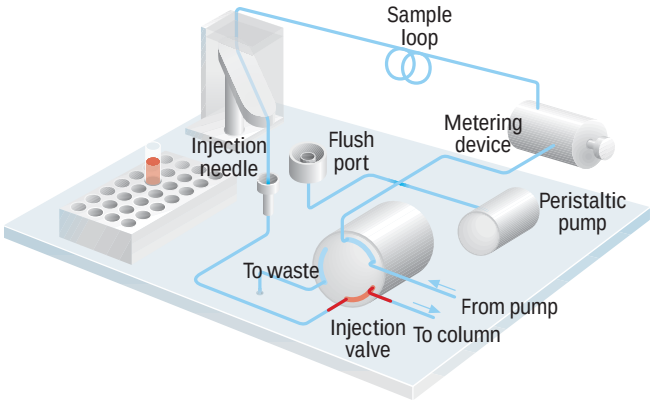




1290 Infinity Autosampler

Based on next-generation, flow-through design the 1290 Infinity Autosampler offers high precision injection of both large and small volumes without the need to change sample loops.

- **Highest precision** over an injection range from 0.1 to 40 µL
- **Short injection cycles** for higher productivity through overlapped injections
- **Best carryover performance** through inert seal and needle seat material (<0.004 % chlorhexidine)
- **Ultralow carry over** (<0.001 % chlorhexidine) through automated needle seat flushing with 1290 Infinity Flexible Cube



1290 Infinity LC Injectors HTC and HTS

With a capacity of up to 24 shallow microtiter plates the 1290 Infinity LC Injectors are specifically designed to meet the requirements of high-throughput applications. The combination of the Agilent proprietary 1200 bar injection valve and the dynamic load and wash procedure facilitates fast cycle times and lowest carryover – typically less than 0.004 % chlorhexdine.



1290 Infinity Thermostatted Column Compartment

The 1290 Infinity Thermostatted Column Compartment offers infinitely better flexibility to optimize a separation on speed and selectivity.

- **Temperature stability specification of ±0.05 °C** for repeatable retention times
- **Maximum application flexibility through Peltier cooling and heating** for two independent temperature zones from 10 degrees below ambient up to 100 °C
- **Low volume heat exchangers** for lowest peak dispersion
- **Spacious column racks** provide room for three 30 cm columns or many more shorter columns
- **Door-open sensor** for improved safety and usability





Agilent Quick-Change valves give you easy access to capillary fittings, and the RFID tags provide information such as valve type, pressure range and number of valve switches.

Multi-method and automated method development solutions

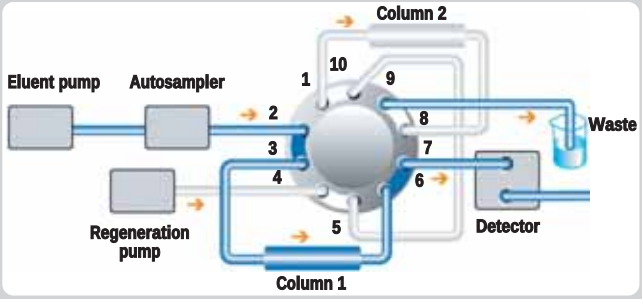
You can combine two, or even three, column compartments – for up to six independent column temperature zones and the capability to switch up to 8 columns. Walk-up users can select optimum separation methods without tedious manual column changing, making the column a simple method parameter in your analysis. Or the system can be used for fully-automated method development, from modeling through experimental proof.



Achieve throughputs of 2000 samples per day

A special high throughput configuration of the 1290 Infinity LC enables maximized productivity for laboratories with high sample loads.

While one column is used for the analysis, the second column is washed and regenerated by a regeneration pump. With this high throughput configuration, cycle times can be reduced by up to 50 percent.



To learn more about the Agilent 1290 Infinity LC, visit www.agilent.com / chem / 1290

Superior reliability and maintenance

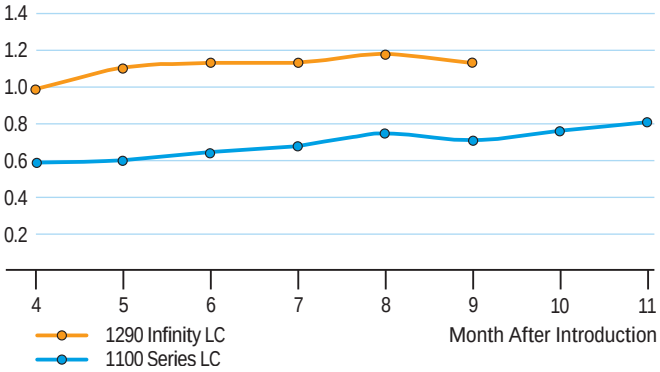
Infinitely lower cost of ownership.

The 1290 Infinity LC significantly increases productivity by delivering faster results with higher data quality. The system is designed for highest reliability and superior supportability, allowing you to decrease the total cost of ownership dramatically – get UHPLC productivity at service costs comparable to HPLC equipment.

Designed for supportability

At introduction the 1290 Infinity LC system already showed a higher quality index than the Agilent 1100 Series LC, which is renowned for its reliability. This proves the outstanding design of supportability of the 1290 Infinity LC:

- Accurate instrument monitoring
- Enhanced maintenance procedure
- Superior onsite and remote diagnostic
- Increased lifetime of parts
- Easy and fast exchange of parts



Agilent Quality Index (QI*) of the 1290 Infinity LC compared to the 1100 Series LC (*QI is based on annual failure rates).

Instrument monitoring

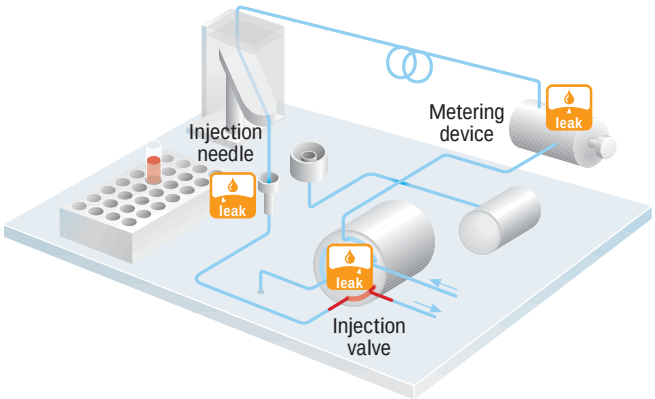
Early maintenance feedback (EMF) and progress bars in Agilent Lab Advisor provide instant visual indication of preventive maintenance need. RFID tags on lamp, flow cell, metering device, valve and pump head allow unambiguous data traceability, minimizing the risk of false data interpretation. You can rest assured that you're reducing the risk of unexpected breakdowns and getting maximum usage out of all consumables.



Agilent Lab Advisor provides full diagnostic capabilities with an extended list of tests and calibrations procedures and automates basic diagnostic routines that help verify proper instrument performance.

Superior diagnostic capabilities

New pinpoint diagnostics in Agilent Lab Advisor allow you to troubleshoot down to the parts level fast and efficiently. You get unambiguous identification of the defect's source, reducing the time required for troubleshooting.



By calculating the leak rates at the injection valve, metering device and needle seat, the failing component can be easily determined.

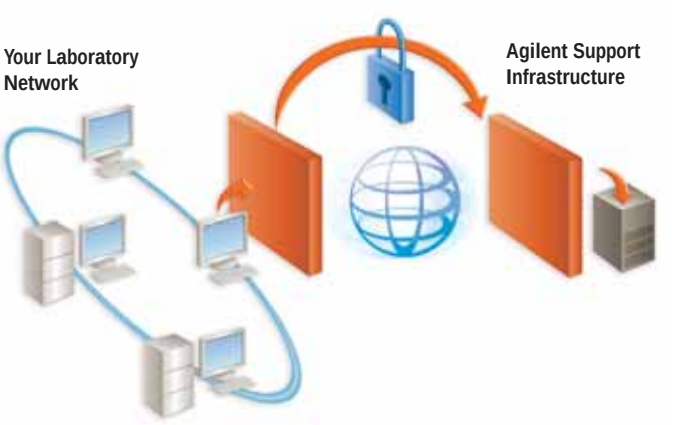
Agilent Remote Advisor

Agilent Remote Advisor is a powerful set of proactive, real-time support and reporting features. Using a secure Internet connection, Remote Advisor provides simple, secure access to Agilent's support organization and configurable alert notifications when instruments have runtime and maintenance issues requiring attention.

Increased lifetime of parts

Pumping at high pressures and high flow rates puts extra stress on the pump seals. To guarantee maximum instrument uptime the 1290 Infinity Binary Pump deploys:

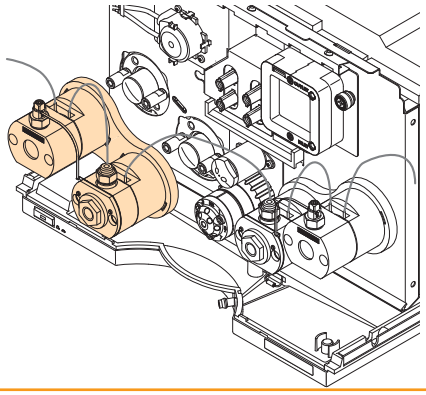
- Silicon carbide pistons with superior thermal behavior
- Variable stroke feature to reduce pump frequency at high flow
- Adaptive piston control for compensation of minute leaks



Remote Advisor follows the same industry-accepted communications standards as financial, medical, and IT institutions without requiring changes to existing IT policies or procedures. Through this attention to security, Remote Advisor has been deployed at 6 of the 10 leading pharmaceutical companies as well as top government organizations around the world.

Enhanced maintenance procedures

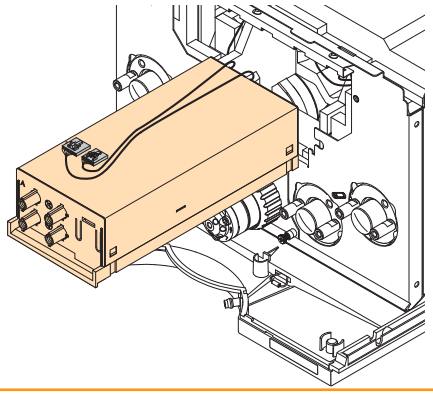
With a service contract from Agilent you can benefit from the exchange program that offers complete, fully-tested pump heads. To replace a worn seal, there's no need to completely disassemble the pump head, making maintenance an easy task.



Complete pump heads are available through an exchange program for fast and straightforward maintenance.

Easy and fast exchange of parts

Component exchange would be time-consuming, if the entire stack needs to be disassembled and reassembled. Not so with the 1290 Infinity LC where up to 95 percent of repairs can be done from the front of the system.



In-stack repair of the degassing unit in the 1290 Infinity binary pump.

To learn more about the Agilent 1290 Infinity LC, visit www.agilent.com / chem / 1290

LC/MS applications

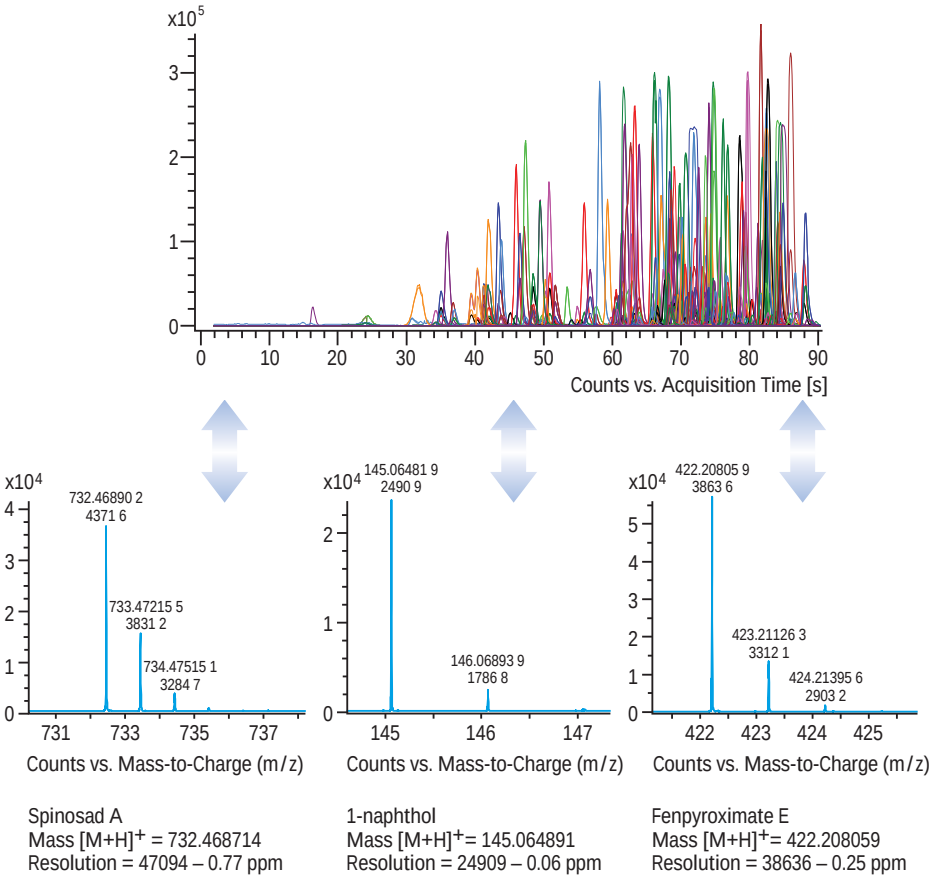
Infinitely better together.

The Agilent 1290 Infinity LC is designed to drive even higher levels of performance from Agilent 6000 Series LC/MS systems. Accelerate your analysis and improve your data quality by reducing ion suppression effects and increasing sensitivity with the superior chromatographic performance. LC/MS users will benefit from:

- **Speed and resolution** offered by the unmatched power range of 1200 bar at 2 mL/min
- **Fast acquisition and high resolution** of Agilent TOF and Q-TOF systems
- **Fastest gradients** with lowest delay volume
- **Highest sensitivity** performance is achieved using the combination of the 1290 LC and 6490 triple quadrupole MS with iFunnel technology
- **Lowest carry-over** resulting from new washing procedures and inert materials

90 second analysis of 250 pesticides

Ultrafast analyses of multi-residue pesticide analysis using the 1290 Infinity LC and 6540 Ultra High Definition Q-TOF with Agilent Jet Stream technology. A 90-second assay of 250 pesticides (10 Hz acquisition rate, 125 pg on-column) yields excellent chromatographic and mass spectral resolution across the pesticide mass range. Three pesticide examples are detailed which represent low, mid and high m/z. Mass resolution values were 24909, 38636 and 47094 and measured mass accuracies were +0.06, – 0.25 and – 0.77 ppm, respectively. Chromatographic peak widths were less than 0.8 s (FWHM).



Spinosad A
Mass $[M+H]^+$ = 732.468714
Resolution = 47094 – 0.77 ppm

1-naphthol
Mass $[M+H]^+$= 145.064891
Resolution = 24909 – 0.06 ppm

Fenpyroximate E
Mass $[M+H]^+$= 422.208059
Resolution = 38636 – 0.25 ppm

If you're looking for more sensitive target compound analysis and better identification of unknowns, take a close look at Agilent's comprehensive LC/MS portfolio. With a 40-year track record of relentless innovation and groundbreaking contributions to MS technology, we deliver everything you expect from a mass spectrometry leader.

6100 Series Single Quadrupole

From routine QC to research-level applications, Agilent 6100 Series Quadrupole LC/MS systems offer industry-leading data quality in an easy-to-use, space-saving benchtop package.

6400 Series Triple Quadrupole

Whether you are quantifying pharmaceutical candidates, measuring trace-level environmental or food contaminants, or confirming biomarkers, the Agilent 6400 Series Triple Quadrupole LC/MS systems offer greater sensitivity, productivity, and value than ever before.

6200 Series Accurate-Mass TOF

For confirming synthetic compounds, profiling biomarkers, identifying impurities, screening for pesticides or characterizing intact proteins, the Agilent 6200 Series Accurate-Mass Time of-Flight LC/MS delivers unmatched speed and performance in a compact benchtop instrument.

6500 Series UHD Accurate-Mass Q-TOF

Using the power of True Hi-Def TOF technology, the Agilent Accurate-Mass Q-TOFs achieve an unmatched combination of MS and MS/MS mass accuracy, mass resolution, sensitivity, in-spectrum dynamic range and speed.



To learn more about the Agilent 1290 Infinity LC, visit www.agilent.com/chem/1290

LC columns for any application

Accurate results quickly and confidently.

Agilent's HPLC columns portfolio is constantly expanding to better meet changing customer needs for improved data quality, compatibility with LC/MS and higher productivity. Agilent provides a variety of new column choices to achieve success and meet these needs with your 1290 Infinity HPLC. The Agilent ZORBAX Rapid Resolution High Definition columns are made using a proprietary loading process to withstand pressures up to 1200 bar and can provide the superior resolution for your most complex samples. An increasing range of bonded phases for these columns means the choices you need for your critical separations will be available. And each bonded phase is available in several larger particle sizes so methods can be scaled to any different column size.

Unparalleled quality and flexible choices within the ZORBAX LC column family

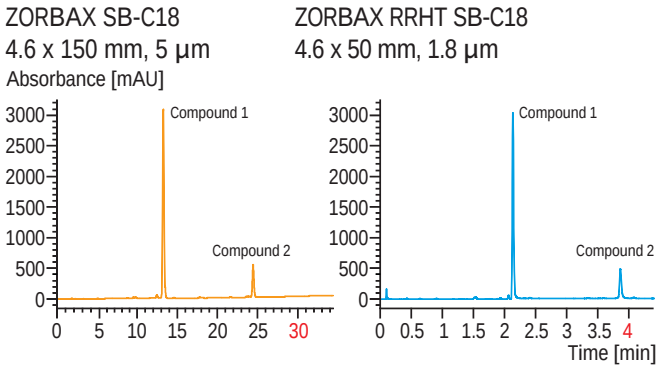
From routine QC More than 145 ZORBAX Rapid Resolution High Throughput (RRHT) sub-2-µm columns are currently available in dimensions ranging from 2.1 – 4.6 mm ID and 30 to 150 mm long. There are 15 different chemistries to get the separation you need.

Agilent's ZORBAX Rapid Resolution High Definition (RRHD) columns take our popular ZORBAX 1.8 µm column line to the next level with a superior packing process, making them ideal for fast or high-resolution separations.

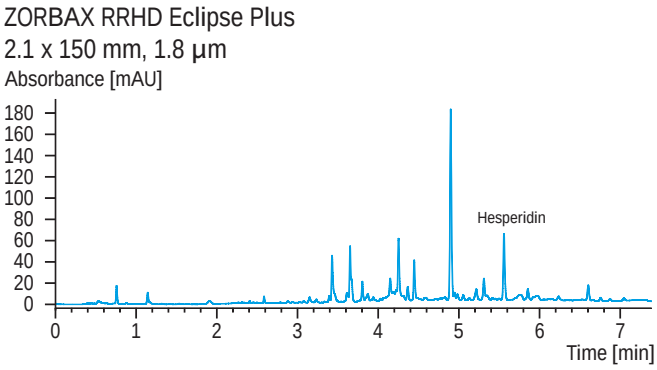
- Stability up to 1200 bar for ultimate speed and resolution
- Easy method transfer and scalability through identical column chemistry with the respective ZORBAX 3.5 µm and 5 µm columns.



ZORBAX RRHD columns are available in 2.1 and 3 mm inner diameter with 50, 100 and 150 mm length



Conversion of a method to fast separation on a short 1.8 µm Rapid Resolution High Throughput column at high flow rate (3.2 mL/min). The analysis time is reduced significantly from 35 to 4.5 minutes.



Fast high resolution analysis of lime juice on a long ZORBAX RRHD 1.8 µm column. At a pressure of 1120 bar the flow rate is with 0.8 mL/min 4 times higher than on a conventional 2.1 mm ID column.

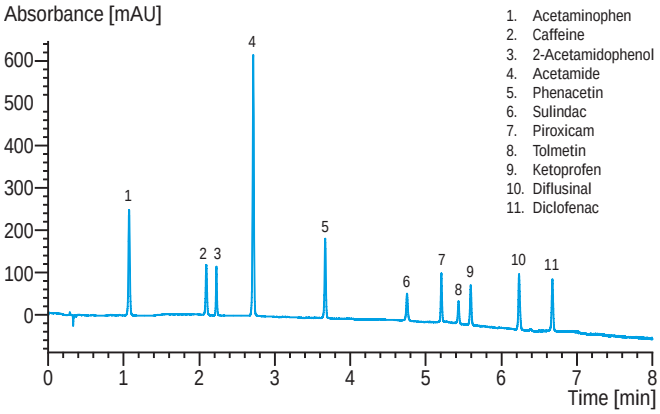
Reduced backpressures for higher resolution and higher speed with new Poroshell 120 LC columns-

From routine QC New Poroshell 120 superficially porous columns deliver sub-2 µm speed and resolution at low back-pressures allowing this exciting new column choice to be used at high flow rates for the fastest possible analytical results or with several columns in series for the most comprehensive resolution of a sample.



Poroshell 120 columns can achieve high resolution and high speed separation on current instruments, and higher resolution and speed on new high-pressure LC and LC / MS systems.

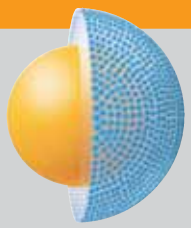
Poroshell 120 EC-C18, 4.6 x 100 mm, 2.7 µm



Fast analysis on a Poroshell 120 EC-C18 of 11 common compounds found in analgesics. At a flow rate of 3.5 mL / min the maximum pressure is 540 bar.

Poroshell particle technology

Poroshell 120 particles have a 1.7 µm solid silica core with a 0.5 µm porous outer layer, providing performance advantages of sub-2-µm particles at lower backpressure.



Stringent QC for reproducible results

For these products and all Agilent ZORBAX columns, Agilent makes its own silica and tests it extensively to provide the most reproducible product possible. It is this stringent quality control which can translate to reproducible results on all these column types and across the wide range of particle sizes for ZORBAX LC columns.

Agilent HPLC customers enjoy worldwide technical support to assist with method development and potential questions on the many column choices for the 1290 Infinity LC.

To learn more, visit www.agilent.com / chem / lccolumns

Software and informatics solutions

New levels of usability and uptime.

Agilent offers software and informatics solutions to obtain all the benefits of the 1200 Infinity Series' performance levels. Agilent ChemStation and Agilent EZChrom Elite give you the most comprehensive and fully traceable management of any 1200 Infinity Series LC system. These chromatography data systems focus on different analytical workflows but are based on common instrument drivers and navigation, offer one unified result data format and integrate seamlessly with Agilent OpenLAB Enterprise Content Manager (ECM). They are both fully scalable, giving you instrument control, result generation, data management and advanced reporting for all Agilent 1200 Infinity Series LC systems.

Agilent OpenLAB reaches beyond the lab

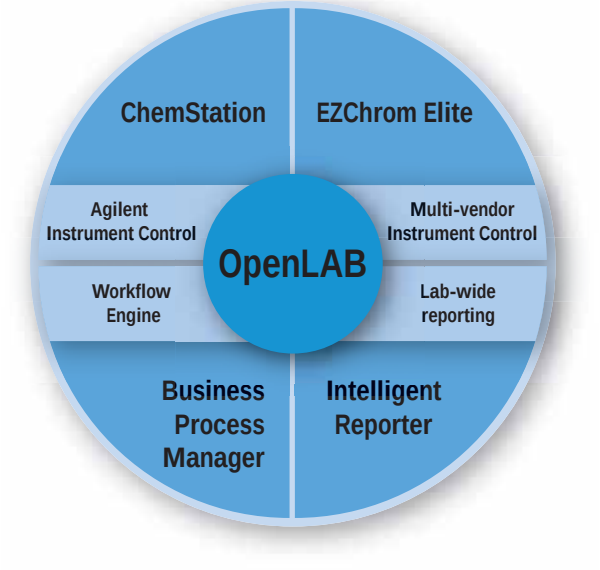
Agilent OpenLAB enables you to manage, share, and organize your data securely across laboratories and departments. It lets you derive business intelligence with a relational reporting database and offers workflow automation for fast execution of routine workflows.

Agilent ChemStation maximizes the value of your 1200 Infinity Series LC in research and development

Agilent ChemStation is designed for the advanced needs of research and development scientists in chemical and pharmaceutical laboratories. It is easy to customize to specific needs and offers a broad range of add-on modules to support specific applications. ChemStation is the most comprehensive control software for all Agilent chromatography systems.

Agilent EZChrom Elite maximizes the value of your 1200 Infinity Series LC in quality control

Agilent EZChrom Elite is fully scalable from an entry-level configuration with EZChrom Compact to a multi-user, multi-site distributed systems with hundreds of instruments and users. EZChrom offers full flexibility with control for chromatographic equipment from both Agilent as well as other vendors. This combination makes it ideal for routine operation in QA/QC laboratories.



Agilent Instant Pilot

The Instant Pilot is the cost-effective, standalone solution for single instrument control. It provides full instrument, method and sequence control and display of online signals at the instrument. All chromatographic signals and instrument parameters can be plotted simultaneously on the display.



The Instant Pilot features a customizable window for fast monitoring and changes of main instrument parameters.

To learn more, visit www.agilent.com/chem/cds

Streamlining processes and improving productivity

Infinitely better service and support.

Recognized as "Best in Class," Agilent has been building and maintaining the instruments you count on for more than 40 years. With service center operations in 65 countries, a global dispatch system to optimize coverage by our top rated service professionals, and call centers ready to assist with both Agilent and non-Agilent instruments, you can trust Agilent to provide the extended protection and personalized support that leads to more efficiency and greater productivity for your laboratory.

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Count on Agilent to provide the proof of calibration or system qualification you need to support your ISO 17025 or GLP/GMP quality initiatives. In fact, Agilent has been ranked number one in compliance by independent survey since 1995.

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Remote Advisor from Agilent is a secure remote instrument monitoring and diagnostics feature available in all Agilent Advantage service plans. Regardless of what chromatography data system you use, Remote Advisor reduces your total laboratory costs by solving problems in real-time, and providing the information you need to increase instrument availability and utilization.

Agilent Software Service and Support

Agilent's Professional Services organization facilitates process and productivity enhancements using software and informatics products and technology. Partner with Agilent consultants and let us help you develop comprehensive software and support strategies that ensure continued system uptime and maximum productivity.

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Agilent Service Guarantee

Should your Agilent instrument require service while covered by an Agilent service agreement, we guarantee repair or we will replace your instrument for free. No other manufacturer or service provider offers this level of commitment to keeping your laboratory running at maximum productivity.

Further information

For full details of the Agilent 1200 Infinity Series LC systems and application-based LC solutions, ask for a brochure or visit our web site at www.agilent.com/chem/1200



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