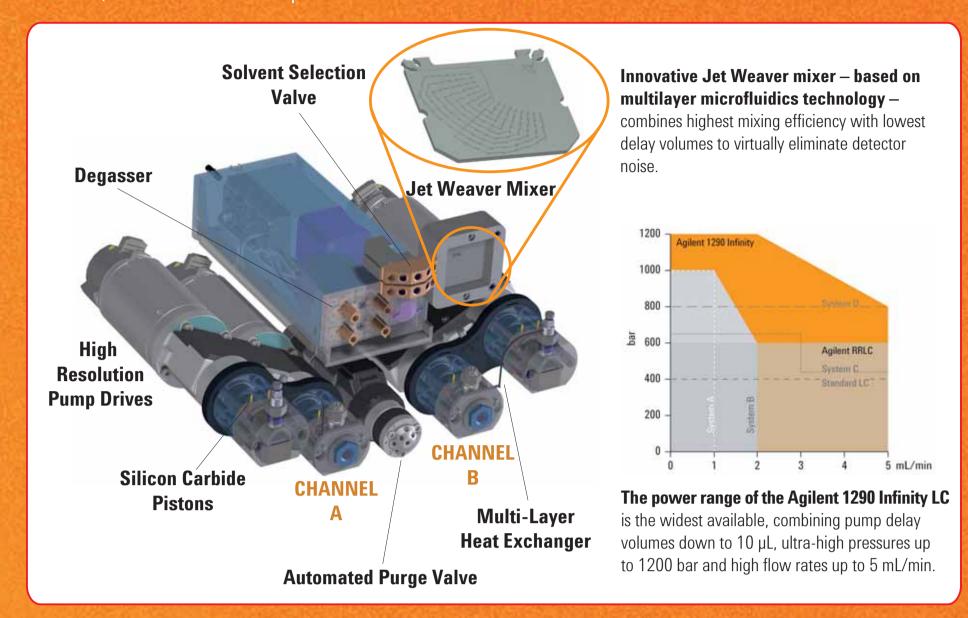
Agilent 1290 Infinity LC

Introducing an infinitely better LC system

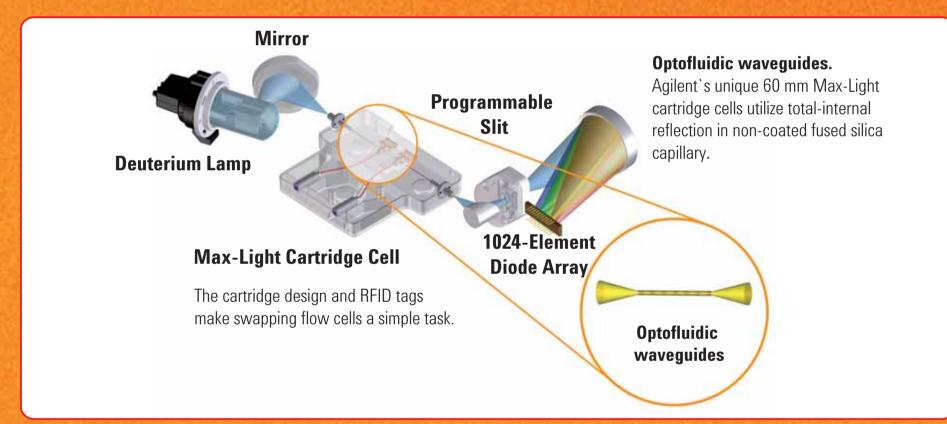
Infinitely more powerful

Agilent's new 1290 Infinity Binary Pump gives you maximum chromatographic performance, compatibility and flexibility. Active damping and lowest delay volumes — facilitated by proprietary multi-layer technology in the new Jet Weaver mixer — provide ultra fast gradients and superior UHPLC, HPLC and LC/MS performance



Infinitely more sensitive

Featuring an innovative optical design — including Agilent Max-Light cartridge flow cell with optofluidic waveguides — the new 1290 Infinity Diode Array Detector delivers a new level of UV sensitivity and baseline robustness. For LC/MS, Agilent Jet Stream Thermal Focusing technology significantly increases MS and MS/MS sensitivity by improving the spatial focusing of electrospray droplets.



Infinitely more flexible

New Agilent Quick-Change valves in the 1290 Infinity Thermostatted Column Compartment enable resource-saving ultra high-throughput, multi-method and automated method development solutions. The new 1290 Infinity Flexible Cube allows fixed-loop injection mode for ultra fast cycle times, or automatic backflushing of needle seat for a new benchmark in lowest carry over. New ZORBAX columns deliver rugged and reliable performance over the operating range of the 1290 Infinity LC — for even more flexibility.





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

Color coding of capillaries and columns in sync with the software helps you to stay in control of your valve switching scheme.



ZORBAX Rapid Resolution High Definition (**RRHD**) 1.8 μm columns deliver optimal resolution and peak definition for both simple and complex separations. New hardware design and packing processes result in exceptional usability with the 1290 Infinity LC — using the complete power range up to 1200 bar. The RRHD columns are available in popular ZORBAX bonded phases providing flexibility and scalability between Agilent instruments.

www.agilent.com/chem/infinity



