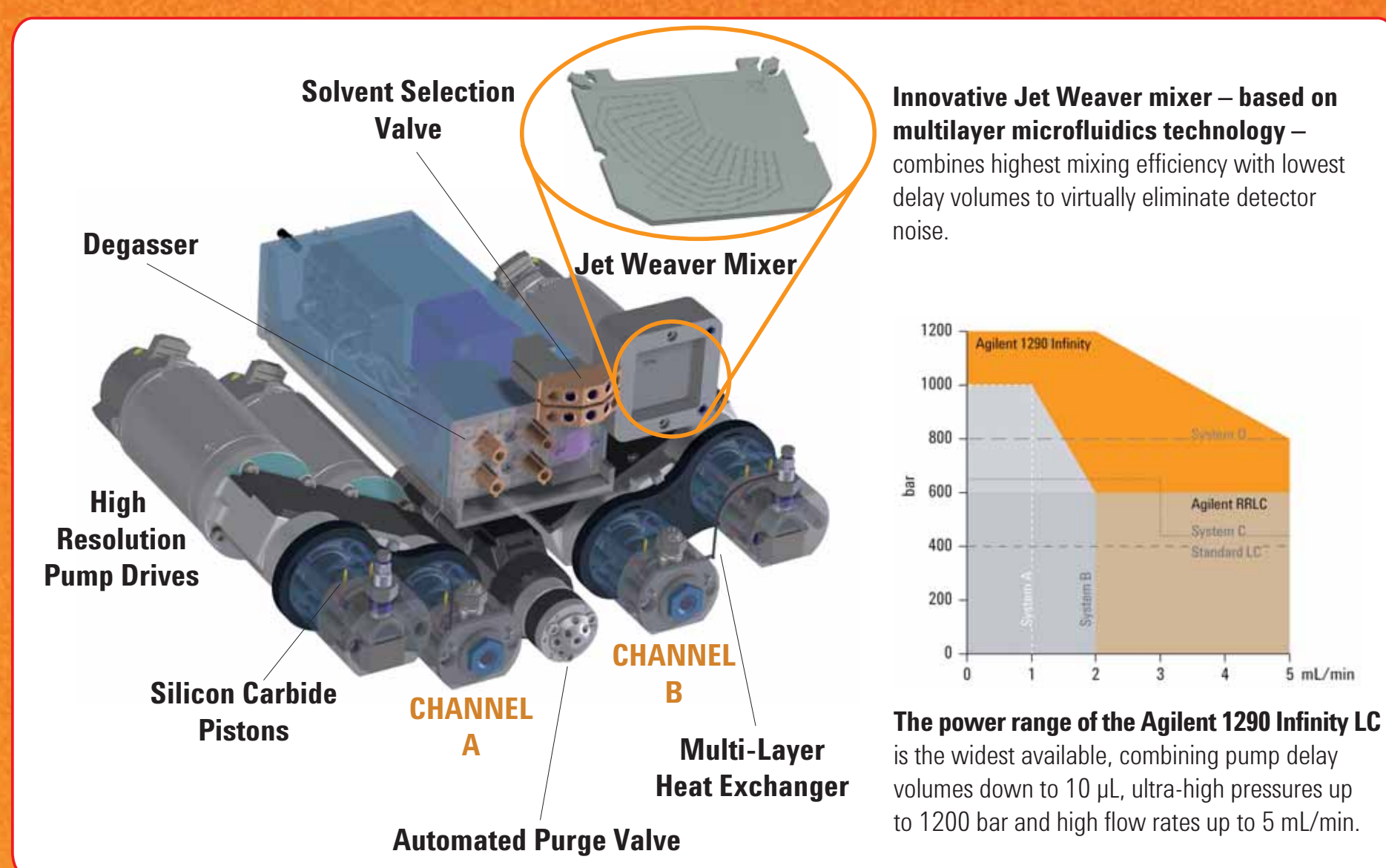


# Agilent 1290 Infinity LC

## Introducing an infinitely better LC system

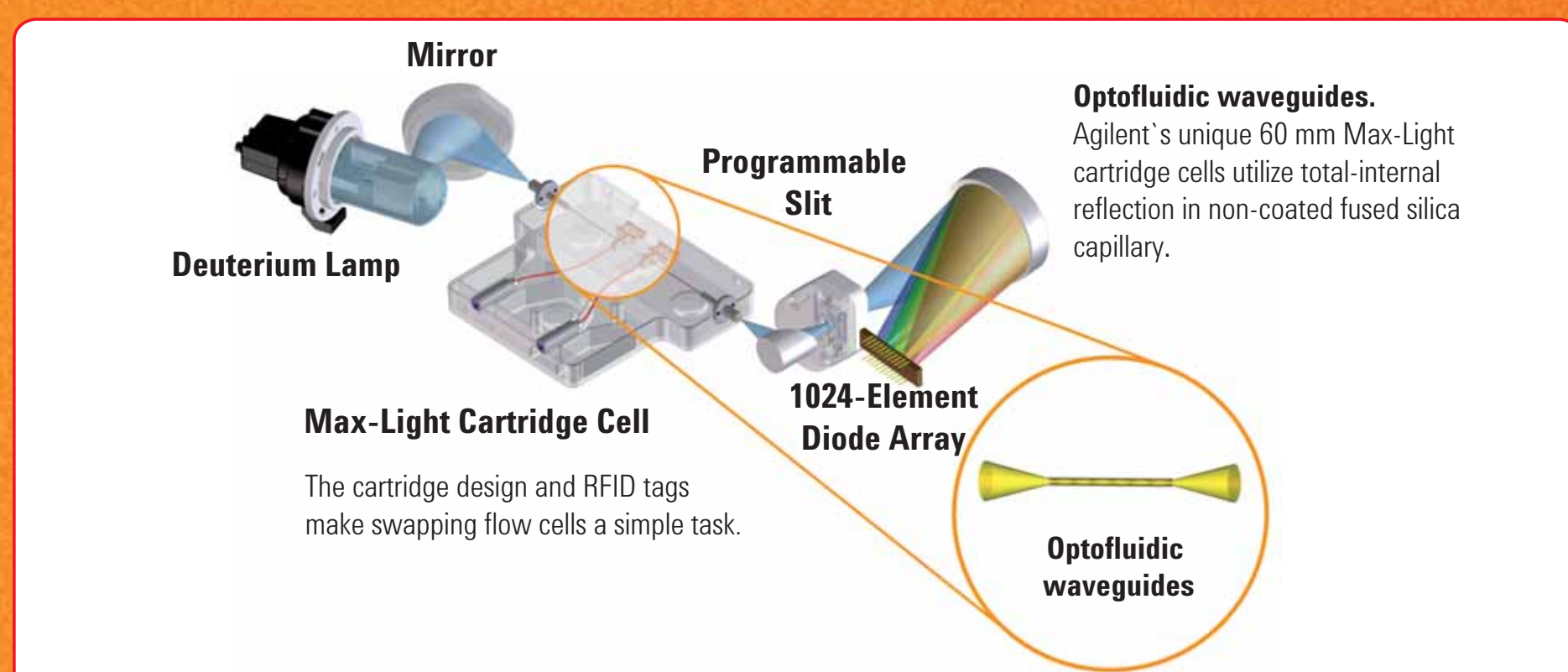
### Infinitely more powerful

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.



[www.agilent.com/chem/infinity](http://www.agilent.com/chem/infinity)



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