

NEW: 1220 Infinity LC

Isocratic and Gradient RRLC at most affordable Price





Most affordable access to 1260 Infinity Quality & Performance

- · Available flavors:
 - 1220 Infinity manual isocratic system (upgraedable)
 - 1220 Infinity manual binary gradient system (upgradeable)
 - · 1220 Infinity automated binary gradient system
 - 1220 Infinity automated binary gradient with DAD!
- Productivity: 10x higher than conventional HPLC systems
 - 600 bar up to 5 mL/min (10 mL/min at 200 bar)
 - · 80 Hz detector speed
- Technology and Quality: 1260 and 1290 Infinity inside!
 - Degassing: Same Technology/Parts as 1290 Bin/1260 Quat degasser
 - Pump: Same Technology/Parts as 1260 Quat Pump (2-channel)
 - Autosampler: Same Technology/Parts as 1260 ALS (no cooling)
 - VWD/DAD: Same Technology/Parts as 1260/1290 VWD
- Price: markedly below 1260 Infinity Isocratic / Quaternary Systems





NEW: 1260 Quaternary LC System

Enhanced Quaternary RRLC at Quaternary HPLC Price



Evolution of the best-selling 1200/1100 Series Quat LC*

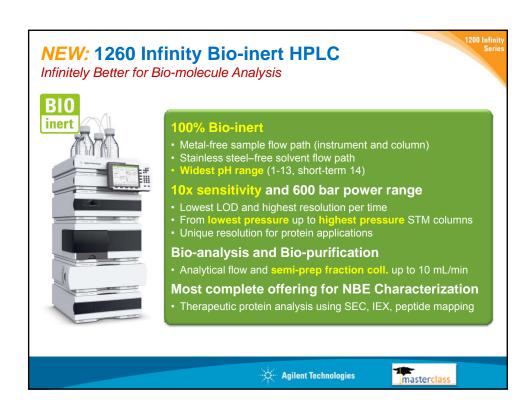
- Productivity: 10x higher than 1200/1100 Quaternary HPLC
 - 600 bar up to 5 mL/min (10 mL/min at 200 bar)
 - 80 Hz Detector Speed
- · Sensitivity:
 - Up to 10x higher than 1200/1100 Quaternary HPLC
 - 10x by new 1260 Infinity DAD with 6 cm flow cell (\pm 0.6 μ AU)
 - 2x by new 1260 Infinity VWD and 1260 Infinity DAD with 1cm flow cell
- Technology: Leverage of 1290 Infinity LC innovations
 - Pump: New, build-in degassing unit and next generation inlet valves
 - · Detectors: Next generation VWD and DAD-technology
- Price: Similar as 1200 Series Quat (400 bar, 20 Hz, ± 6 μAU)







Series



NEW: 1260 Binary LC System Enhanced Binary RRLC Capability at HPLC Price

1200 Infinity Series



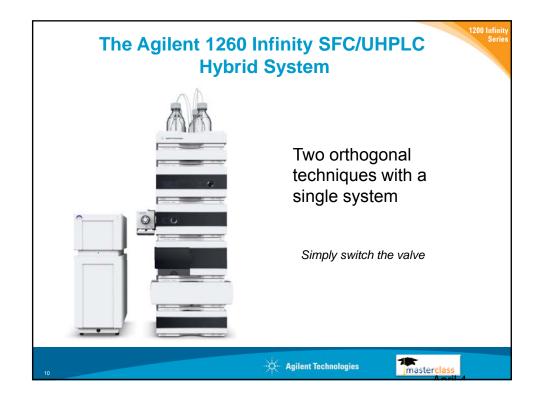
Successor of the 1200 Series RRLC (1200 SL)

- · Productivity:
 - Same as the highly successful 1200 Series RRLC for 2.1 mm ID to 4.6 mm ID columns, by scalable delay-volume
- Sensitivity:
 - 10x higher than 1200 Series RRLC by new 1260 Infinity DAD
- · Autosampler-Performance:
 - <0.004 % carry-over and 100 μL injection by new 1260 Infinity High Performance Autosampler. 40 μL kit for delay volume reduction.
- Technology: Leverage of 1290 Infinity LC innovations
 - Pump: New next generation inlet valves for better performance
 - Detectors: Next generation 1290 Infinity DAD.
 - HiP Autosampler: Same technology/parts as 1290 Infinity autosampler
- · Price: Markedly lower than 1200 Series RRLC









1290 Infinity LC

More Affordable Access to the World's Best LC





NEW: UHPLC Productivity with **HPLC Service Costs**

- · Lowest UHPLC Cost of Ownership
- · Based on
 - proven robustness 2x better than 1100 Series at introduction
 - Increased parts lifetime / longer maintenance intervalls
 - new design-for-supportability technology for faster maintenance, diagnostics and repair
- · Technology:
 - 1200 bar up to 2 mL/min (5 mL/min at 800 bar)
 - 160 Hz Detector Speed
 - Highest detector sensitivity on the market (0.6 μAU/cm noise level)
 - Lowest autosampler carry-over (<0.001 %, <10 ppm for UV and MS detection in combination with 1290 Infinity Flexible Cube)
 - New high-capacity solution for highest throughput analyses





Innovation: 1290 Infinity Quaternary Pump

Quaternary Pump with Binary Pump-like Performance





1290 Infinity Quaternary Pump

Boost Performance

Highest accuracy and precision for composition and flow, with exceptionally low delay volume

Save Time

Accelerates transfer of existing HPLC methods to UHPLC

Reduce Costs

Outstanding UHPLC performance at HPLC-like costs of ownership





