



Agilent 1290 Infinity II Multisampler

An autosampler like no other



The Measure of Confidence



Agilent Technologies

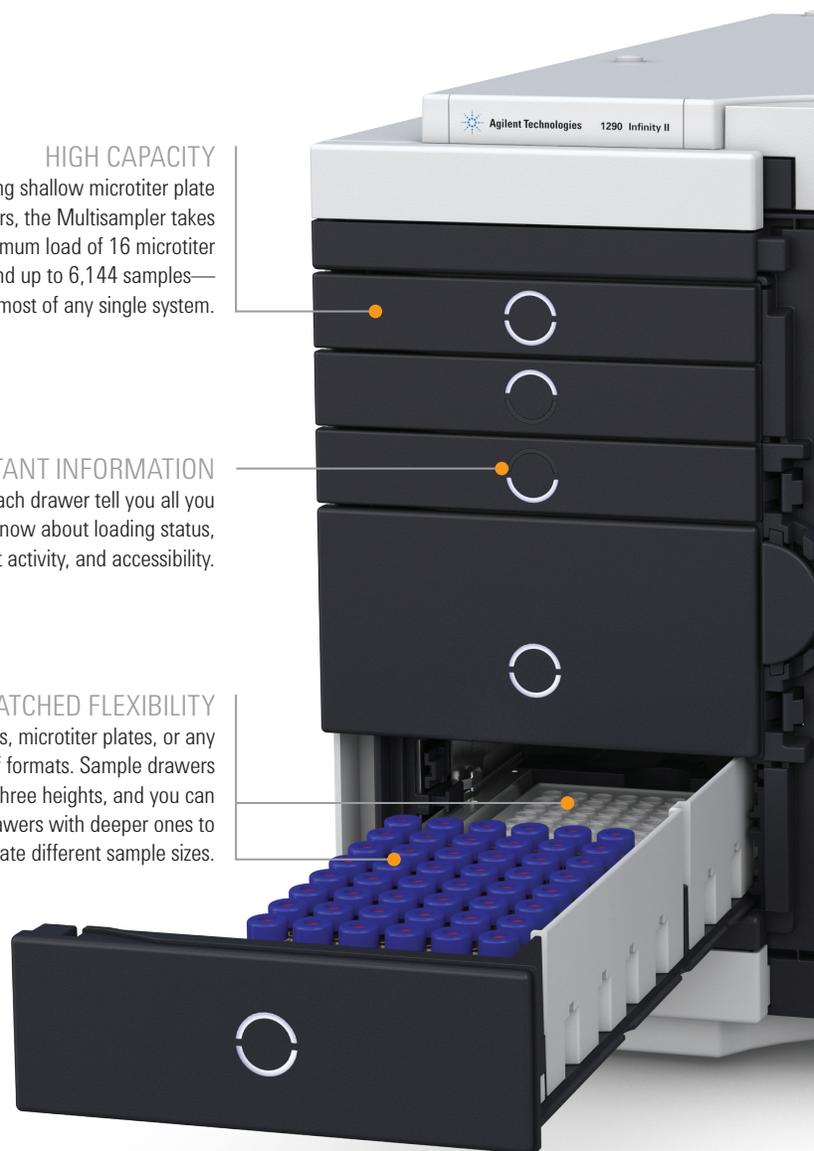
SAMPLE LOGISTICS HAS A NEW CHAMPION

The Agilent 1290 Infinity II Multisampler sets a new benchmark in flexibility. That's because this autosampler can handle both vials and microtiter plates (whether shallow or deep) with ease and efficiency. In fact, this compact module has the capacity to house up to 6,144 samples—all within the footprint of an Agilent 1200 Infinity LC—and the robotics to smoothly inject each into the chromatograph in turn. With Agilent's unique dual-needle design, cycle time is just 5 seconds. And with our multiwash capability, you can reduce carryover to less than 10 parts per million. In short, our innovative Multisampler is designed to give you the kind of flexibility and scalability that, until now, you could only experience in your dreams.

HIGH CAPACITY
Using shallow microtiter plate drawers, the Multisampler takes a maximum load of 16 microtiter plates and up to 6,144 samples—the most of any single system.

INSTANT INFORMATION
Lights on each drawer tell you all you need to know about loading status, current activity, and accessibility.

UNMATCHED FLEXIBILITY
Use vials, microtiter plates, or any combination of formats. Sample drawers are available in three heights, and you can mix shallow drawers with deeper ones to accommodate different sample sizes.



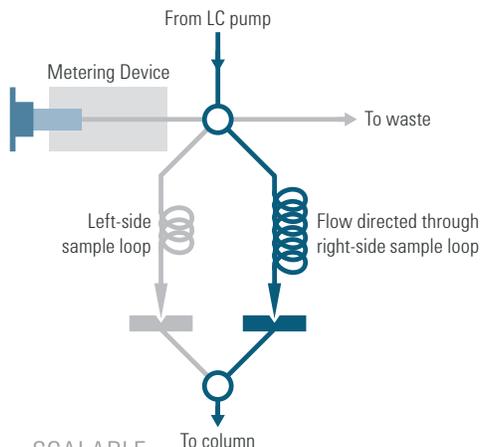
SEAMLESS AUTOMATION

Internal robotics move microtiter plates and other sample containers from the sample hotel to the central workspace for sample processing steps and injections.



EFFICIENT TEMPERATURE CONTROL

For temperature-sensitive samples, simply add Agilent's new highly efficient integrated cooling system. It allows you to maintain perfect temperature control on all vials and plates inserted into the Multisampler.



SCALABLE INJECTION VOLUMES

Our unique dual-needle setup also enhances flexibility by providing two differently optimized injectors in a single instrument. You can, for example, optimize one path for large volume injections and the other for low delay volumes.

ULTRALOW CARRYOVER

Flow-through principle washes inside surfaces of needle thoroughly and constantly with eluent.



Choice of three external solvents to program washing steps for outside surfaces of needle.

Choice of three external solvents to backflush needle seat.



FAST INJECTION CYCLES

The dual-needle design lets you alternate samples through one injection path and then the other, virtually eliminating conventional wait times—whether for large volume loadings or flushing procedures.

Learn more

www.agilent.com/chem/1290multisampler

Find an Agilent customer center

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