

Agilent Has The Right Sample Introduction Product For Your Lab

Agilent sample introduction portfolio





With Agilent, You Have the Flexibility to Choose the Automatic Sampler Perfectly Suited for the Needs of Your Lab

Whether you're detecting emerging contaminants in drinking water, testing drugs for purity, or quantifying pesticides in food, your results have to be correct, precise, and irrefutable. As your lab's requirements and needs continue to change, achieving that level of precision is challenging.

Agilent helps you meet that challenge head on. With our portfolio of sample introduction products, we have a solution that's suited to the specific types of samples and analyses you perform. Regardless of your sample introduction needs, Agilent has a sampler to support your lab's productivity.



Agilent sample containment solutions

Agilent vials are designed to meet the high standards you have come to expect:

- Guaranteed consistent performance from lot-to-lot
- Unsurpassed rigor in quality control and manufacturing
- Easy selection based on volume, sample type, and instrument
- Better value

Agilent vials perform seamlessly with a variety of analytical instruments. Use our online selection tool to quickly find the right products for complete confidence in your sample containment.

www.agilent.com/search/gn/vial-selector

Automate Your Analysis

Eliminate the uncertainty of manual injection



Our most flexible liquid sampling system: **Agilent 7693A automatic liquid sampler (ALS)**

Agilent 7693A, with advanced injection features, helps ensure your best chromatography. Whether you have a few or hundreds of samples to analyze, you'll experience sample handling and injection capabilities that are best in class.

- 3 layer sandwich injections, add sample internal standard and protectant in a single injection
- Sample preparation capabilities
- Sample look ahead, prepare sample before GC ready
- 2 towers for sample prep or dual simultaneous injections
- Injection volumes from 0.01 uL to 250 uL



Extended sampling flexibility and automation options

Variable needle depths allow you to sample anywhere within the vial, while optional sample handling capabilities further enhance your productivity.



Liquid/liquid extraction



Small-volume sampling



Reagent and standard addition



Dilution/aliquoting/reconstitution



Heating/mixing



Bar-code reading



**7697A
headspace sampler**
12/111-vial capacity

Precision, reliability, and ease of use:
Agilent 7697A GC headspace sampler

With best-in-class technology and software, the Agilent 7697A headspace sampler is packed with productivity-boosting features.

- Unique design lets you use hydrogen carrier gas for optimal chromatography—now and in the future.
- Comprehensive software guides you through tasks such as method development and resource conservation.
- Method optimization tools facilitate headspace method development.
- Electronic pneumatic control, vial leak checking, and barometric pressure compensation ensure consistent results.

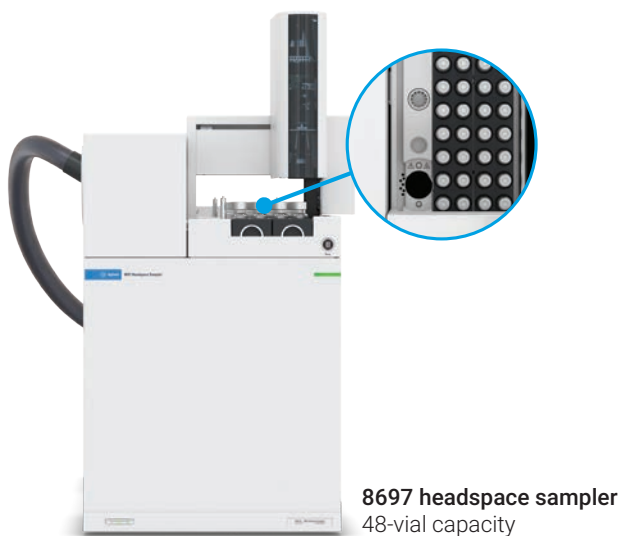


7650A ALS
50-vial capacity

Robust and productive:
Agilent 7650A automatic liquid sampler (ALS)

For labs with intermediate sampling needs, the Agilent 7650A is the ideal choice for maximum efficiency.

- Three-layer sandwich injections let you add internal standard and protectant in a single injection.
- Performance is consistent with other Agilent ALS products.
- Programmable injection optimizes plunger speed for large-volume or challenging applications.



8697 headspace sampler
48-vial capacity

Intelligent sampling that simplifies life in the lab:
Agilent 8697 headspace sampler

Featuring integrated communication, the Agilent 8697 headspace sampler lets you manage your GC workflows from a single interface—and spend more time on what matters.

- Reliable, consistent inertness ensures superior GC performance with no analyte loss or degradation.
- Advanced hardware, such as a microchannel-based EPC module with atmospheric pressure compensation and valve-based sampling, delivers unprecedented precision.
- Integrated intelligence and remote accessibility let you obtain status updates anytime, anywhere.



Agilent PAL sampler

- Combines liquid, headspace, and SPME/SPME Arrow into one GC
- Automate more complicated sample preparation procedures

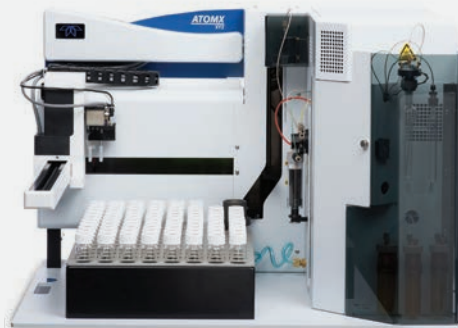
Agilent PAL3 LSI 684 liquid vials (2 mL)
Agilent PAL3 RSI for liquid, headspace, or SPME
Agilent PAL3 RTC robotic tool change for liquid, headspace, or SPME



Markes TD100-xr
Cryogen-free re-focusing
with 100-sample capacity

Markes thermal desorbers

- Highly sensitive and fully automated system for direct desorption of materials and accurate analysis of samples
- Supports sorbent tubes, canisters, and on-line analysis



Tekmar Atomx XYZ 84-vial capacity

Tekmar purge and trap

- Efficient trap cooling design and innovative moisture control system (MCS) for analysis of water and soil samples
- Ultra-low carryover, supports 40 mL VOA vials



Thermal separation probe

Analyze trace levels of solid, liquid, and slurry samples quickly in the field

This thermal separation probe provides fast analysis of solid, liquid, and slurry samples with limited or zero sample preparation required.

This chart provides a quick reference for identifying which Agilent sample introduction solution will complement your lab's current applications.

	Intuvo 9000 GC	8890 GC	8860 GC	7890 GC	7820A GC	6850 Series II	6890 GC	5975T GC/MS
7693A ALS	•	•	•	•	•*	•**	•	•**
7650A ALS	•	•	•	•	•			•
8697 headspace sampler	•	•	•					
7697A headspace sampler	•	•	•	•	•	•	•	•
PAL samplers	•	•	•	•	•		•	
Markes thermal desorber		•	•	•	•	•	•	•
Tekmar purge and trap	•	•	•	•	•	•	•	•
Thermal separation probe	•	•		•				•

* Injector only unless ordered after June 1, 2015 or as part of a 5975E/5977E Series MSD bundle (MSD with 7820A)

** Injector only

To find the right Agilent sample introduction device for your specific needs, visit www.agilent.com/chem/GC



Achieve highly reproducible injections over a long lifetime using Agilent's premium blue liner autosampler syringes.

Whatever your sample introduction needs, we have an instrument that maximizes your lab's productivity.

www.agilent.com/chem/GC

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