

Why operate on borrowed time?

Agilent technology refresh program
for energy and chemical labs



Your Agilent 5890/6890 GC and GC/MS systems continue to deliver the results that helped you succeed in the past. However, it is risky to rely on aging equipment to meet stringent regulations and production requirements.

Redefine what is possible in your laboratory

New Agilent GC systems build upon features developed for the 5890/6890—and provide the sensitivity, reproducibility, and cost-efficient operation that were not possible 20 years ago.

- The 7820A GC delivers Agilent reliability for common applications
- The configurable 7890B GC produces reliable data today, and for decades to come
- The Intuvo 9000 GC is 25% more efficient and takes less than half the bench space required for traditional GCs
- Agilent chromatography data systems—OpenLAB CDS, ChemStation Edition, or EZChrom Edition—give you answers you can trust.

These new GC systems will help you handle current and future challenges as you analyze samples for final product value, or conformity with regulatory and production requirements.



Agilent Intuvo 9000 GC



Agilent 7890B GC



Agilent 7820A GC



Agilent 7890B GC with Large Valve Oven



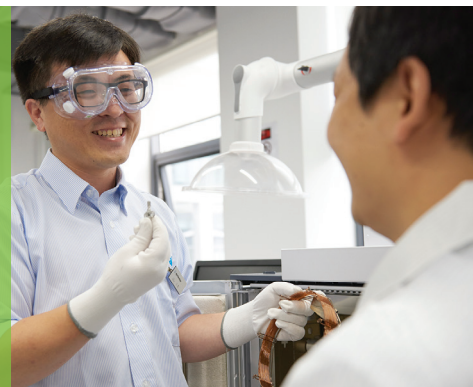
New energy and chemical application notes

See how replacing your older instruments with new GC innovations can help your lab.

View application notes now: www.agilent.com/chem/borrowedtime

Resolve your search for productivity

Continuing to use aging equipment for production quality control or final product testing creates an unnecessary risk with high costs.



For more than 50 years, Agilent has been committed to GC innovations, exceeding long-term performance expectations.



Agilent 7820A GC

The choice for routine analysis

A decreasing capital budget shouldn't mean living with the increased risk of aging equipment. The 7820A—with its simple valve configuration and range of detector options—delivers affordable, long-term innovation. And it's backed by the Agilent 10-year value promise guarantee.



Agilent 7890B GC

High performance with low operational costs

When operating budgets are a concern, you can count on the 7890B for outstanding day-to-day value. It eliminates risk and delivers long-term reliability with configurations to meet any requirement:

- Configurations range from simple liquid injections to the most complex valved systems
- Helium Conservation Module with Sleep/Wake mode that decreases helium use and cost
- Auto calibrating hydrogen sensor for safer, less expensive use of hydrogen carrier gas



Increase productivity up to 25% by replacing one 6890 GC with one Intuvo GC

Agilent Intuvo 9000 GC

The business efficiency you've been dreaming of

Approach GC lab operations in a completely new way. Intuvo requires half as much bench space—and uses only half the power—of aging GC systems. Its groundbreaking features include:

- No nuts or ferrules, so anyone can change the column in less than a minute
- Guard Chip technology that protects the system from sample contamination
- No-clip columns that maintain their length, eliminating retention time update
- Direct column heating provides high-speed analysis with high retention time precision



Agilent Analyzer Configurations Complete with guaranteed chromatography or hardware only

Agilent's GC Analyzer portfolio can combine multiple methods into a single system, with proven results, and significantly reduce time required from system arrival to final calibration and validation.

- Factory tested, ready-to-use GC analytical solutions developed to meet industry standards such as ASTM, UOP, EN, and GPA
- Preconfigured and custom GC systems built and tested in our factory, and retested in your lab
- Specific instruments and tools designed, delivered, and supported by Agilent Channel Partners

Move your lab ahead with Agilent GC innovations

An integrated approach to inertness

Flow path inertness is the cutting edge of GC, which is why Agilent has integrated inert flow path solutions into our next-generation GC systems. The Agilent Inert Flow Path ensures reliable, consistent inertness from injector to detector, decreasing analyte adsorption for lower LODs and better s/n response. That means you can achieve the parts-per-billion—or parts-per trillion—detection levels that today's energy and chemical analysis demands.

Increased sample throughput with the Agilent Intuvo GC System

The Intuvo system lets you get more done in less time at the lowest cost per sample—without having to change your existing methods. It features fast oven cool-down, new backflush capabilities, and advanced automation.

Integrated system intelligence

Early maintenance feedback allows you to eliminate unexpected downtime. This improved communication between the GC and the mass selective detector cuts venting time by up to 40%, and protects the system from damage by stopping the flow of carrier gas during shutdown events.

Improved dependability

The Agilent J&W Ultra Inert GC column family pushes industry standards for consistent column inertness and exceptionally low column bleed, resulting in lower detection limits and more accurate data for difficult analytes.

Expanded chromatographic capabilities

Backflush, flow splitters, GCxGC, Dean switches, and purged unions are all provided by Agilent capillary flow technology.



For further information about Agilent GC and GC/MS solutions, go to: www.agilent.com/chem/borrowedtime



Take your data, and your data system, forward

Agilent has taken a step forward with state-of-the-art software. Our OpenLAB chromatography data systems are compatible with your existing methods and data, enabling you to take full advantage of the advanced features built into our chromatographs. What's more, our reporting software is drag-and-drop simple and provides time-saving steps in your analysis, interpretation, and reporting workflows.

Learn more

www.agilent.com/chem/borrowedtime

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From Insight to Outcome

Agilent CrossLab Services: Maximize uptime with end-to-end support

You can trust Agilent CrossLab service experts to deliver valuable insights and keep your instruments running at top performance. Our industry-leading services—tailored to meet your needs—include technology refresh services, application consulting, repairs, preventive maintenance, compliance verification, and education. Ask us how we can support your laboratory today.

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