

Solutions by industry

Helping your lab adjust to ever-changing demands

Agilent Analyzers and Application Kits are backed by decades of application-specific experience, customer feedback, and collaborations with key laboratories worldwide.

We are continually expanding our portfolio for these and other industries:



Energy & Fuels

Maintain productivity, profitability, and quality with a choice of more than 60 GC Analyzers for applications such as refinery gas, natural gas, TOGA, sulfur analysis, and alternative fuels.



Forensic/toxicology

Harness the latest systems and library databases to confirm and quantify thousands of substances while maintaining stringent workflow practices.



Food testing

Simplify and accelerate your screening for hundreds of contaminants in complex food matrices with excellent sensitivity.



Environmental

Measure organic and inorganic chemicals in water, soil, and air more efficiently – and with higher-quality results.



Pharmaceutical

Save time and training in all areas – from drug development to manufacturing – and conform to stringent regulations, such as USP467 standards for residual solvent analysis in drugs.

Every Analyzer and Application Kit includes a distinct combination of application-ready tools and Agilent expertise

Example: GC/MS/MS Pesticides Analyzer

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| Factory Checkout | <ul style="list-style-type: none">• Application factory checkout in addition to our robust quality check• System setup and leak testing• Installation of application-optimized column, liner, and septa• Retention time locking, specific to instrument• Capillary flow device set up for optimized backflush• Optimized MRM database set up according to application• Factory-run checkout method using application standard mix |
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| Delivery | <ul style="list-style-type: none">• Quick-start guide and Application Note• CD-ROM with method parameters and data files for easy out-of-the-box operation• Consumables included – no separate ordering required• Easy consumables reordering information• Representative pesticide checkout standard |
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| Installation | <ul style="list-style-type: none">• Onsite application checkout• Review of supplemental application materials• Optional consulting and training |
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Example: Triple Quadrupole LC/MS Pesticide Application Kit

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| Factory Development | <ul style="list-style-type: none">• Agilent's 750-Pesticides Dynamic MRM database with pretested analysis methods |
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| Delivery | <ul style="list-style-type: none">• Positive and negative ion pesticide test mixes• Agilent ZORBAX Eclipse Plus C18 column (2.1 mm x 50 mm, 1.8 µm) included – no separate ordering required• Quick-start guide and Application Note that show you how to run the test mixes and create dynamic MRM methods• CD-ROM with examples of screening methods, data files, and reports |
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| Startup | <ul style="list-style-type: none">• Optional application startup assistance |
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Take the quick, cost-effective path through your toughest challenges

Agilent Analyzers and Application Kits can help you:

- Simplify your startup and begin producing results in a fraction of the time
- Adjust to changing business needs and industry requirements
- Lower your method development costs
- Quickly establish methods using application-specific tools and technologies
- Implement advanced technologies with confidence
- Bridge the gap between the method development expertise you need and the resources you have



GO.



Move beyond instrumentation and start producing high-quality results from *day one*



For more information

Learn more about individual Analyzers, Application Kits, and their contents
www.agilent.com/chem/appkits

Find an Agilent customer center in your country
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The Measure of Confidence



Regulatory knowledge that goes **beyond** instruments and systems

Agilent scientists work closely with regulatory agencies to anticipate the needs of fast-changing industries such as food safety, environmental analysis, and energy/fuels. In fact, our experts have invested a combined total of more than **200 membership years in ASTM** – the world's most trusted source for standards development.

We have applied this deep regulatory understanding toward developing many of the methods included with our Analyzers – such as the ASTM method for our Biodiesel Analyzers.

Customized to get you on the **FAST TRACK**

GO.

Put your applications on the fast track

Contact your local Agilent Representative or Agilent Authorized Distributor at www.agilent.com/chem/contactus Or call 800-227-9770 (in the U.S. or Canada)

Visit www.agilent.com/chem/appkits for a description of available Analyzers and Application Kits

Spend less time
on setup and
configuration
and more time
generating results

You are short-staffed, under tight deadlines, or facing tough regulatory scrutiny. To succeed with *any* new application, you must reduce your number of steps between startup and results.

Agilent Analyzers and Application Kits give you the confidence of knowing that your applications are ready to go – reliably – from the very first day

Analyzers and Application Kits are *complete workflow solutions* that incorporate not just instruments, but also advanced new technologies for GC, LC, GC/MS and LC/MS – such as Capillary Flow Technology and tandem mass spectroscopy. But that's only *part* of the story.

We've also *optimized* our workflow solutions for individual applications with methods, quick-start guides, data files, reports, application-certified columns, application-optimized supplies, database libraries, and checkout samples. These components take our Analyzers and Application Kits *beyond instrumentation*, enabling them to transform your lab's productivity... and its potential.

Only Agilent has the technology and experience to support your lab with fully customized solutions for your unique analysis challenges

For over four decades, Agilent has taken an active role in developing methods and applications – many of which have evolved into global standards for industries such as energy/fuels, environmental, food safety, pharmaceutical, and forensic/toxicology.

And now, we're the only *major* supplier with the GC, LC, and MS expertise and continuing innovation necessary to ensure that your most specialized applications are configured for optimal performance.

GC and GC/MS Analyzers

Start your analysis on day 1

Bringing a new application online can stretch your lab to the limit – particularly when your method development resources are not up to full strength.

Agilent solves this problem with our comprehensive portfolio of **GC and GC/MS Analyzers**, which are factory tested and pre-configured to deliver the results you need, *fast*. Every analyzer arrives ready to run the application, with proven analysis methods and application-relevant checkout samples that can reduce your method development costs by up to 90%.



Robust and reliable: Agilent's GC Analyzer portfolio includes more than 100 factory-tested GC instrument configurations and standard Analyzers – all application pre-tested to run according to industry standards such as NIST, FDA, ISO, ASTM, EPA, USP, and GPA.

GC, GC/MS and LC/MS Application Kits

Minimize your method development

New technologies can help your lab adjust to changing industry requirements. However, *implementing* these technologies to their fullest potential can be hampered by a shortage of time and resources.

Agilent GC, GC/MS and LC/MS Application Kits solve this problem by ensuring that your application is configured for optimal performance, so you can apply new capabilities with minimal disruption – and shorten your time-to-results.

These easy-to-use application packages include all the tools and components you need to get started quickly – and are application tested on multiple samples under a wide variety of conditions. For example, Agilent LC/MS Application Kits are equipped with databases that can increase your ability to automatically find large numbers of compounds in matrices such as fruits, vegetables, and body fluids. Application Kits also promote efficient implementation of screening methods and minimize the need for manual method development.



Pre-configured and factory-tested: Agilent's GC/MS/MS Analyzers make it easy to implement the latest technologies that would otherwise require hours or days to configure and test. This includes emerging techniques for screening large numbers of components in complex matrices.



A faster, easier way to develop methods. Agilent GC, GC/MS and LC/MS Application Kits feature pre-developed examples that show you how to set up methods and adapt them to your needs, so you can begin your analysis in a fraction of the time.

Beyond the box

Advice and support customized for your samples

As a supplement to our Analyzers, Agilent delivers **onsite duplicate factory checkout** by a specially trained service engineer. We also offer local, onsite assistance, including:

- Training courses that teach you the best practices
- Application consulting for running your samples
- Extensions to your standard warranty coverage
- Preventive maintenance for your complete system

Custom GC and GC/MS configurations

- Let Agilent customize a standard instrument with specialized columns, valves, tubing, inlets, detectors and other add-ons – all based upon your specific needs.

Expert Solutions from our Channel Partners

- Agilent has a broad network of long-term Channel Partners, each with extensive experience in emerging applications, specialized technologies and solutions.

Together, we can help you meet your most challenging analytical demands and timeframes.

Lower your method development costs by up to 90%. Agilent Analyzers and Application Kits include an analysis method and checkout standard, which decrease the hassle of developing new methods and costly test mixtures.

Contact your Agilent Representative today to discuss your specific needs.

Visit www.agilent.com/chem/contactus
Or call 800-227-9770 (in the U.S. or Canada)