



Agilent 7010B and 7000D Triple Quadrupole GC/MS Systems

EXPAND YOUR LAB IN MULTIPLE DIMENSIONS



Agilent Technologies

MORE POWER, LESS EFFORT. ON A PROVEN PLATFORM.

Tandem mass spectrometry is the undisputed best way to do targeted quantitative analysis. Now take your lab to higher levels of efficiency and productivity for more confidence in your results at a lower cost of ownership. Renowned as the best performing and most reliable triple quadrupole GC/MS systems available, the new Agilent 7000D and 7010B now offer dMRM for expanded capabilities and unprecedented ease of use.

Expand your CAPABILITY with easy, robust MS/MS

Dynamic multiple reaction monitoring (dMRM) provides a more intuitive way for you to specify the characteristics of the MS part of an overall GC/MS/MS method. Further, dMRM greatly improves the ease with which methods can be modified, enabling larger target lists in a single run for more efficient use of instrument time.

- Convert time-segment-based methods to dMRM methods for easier method maintenance and better performance.
- Use with the Agilent Pesticides and Environmental Pollutants Database (G9250AA) or create your own database
- Achieve faster maximum scan speeds in combined scan/MRM mode for simultaneous analysis of nontarget ions

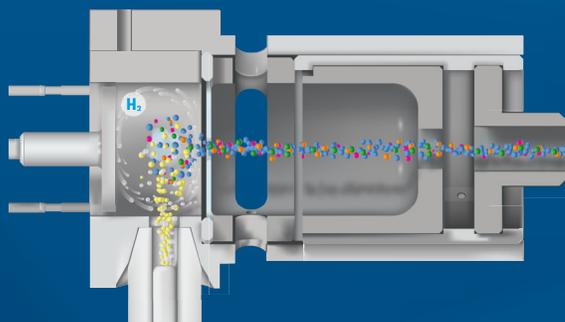
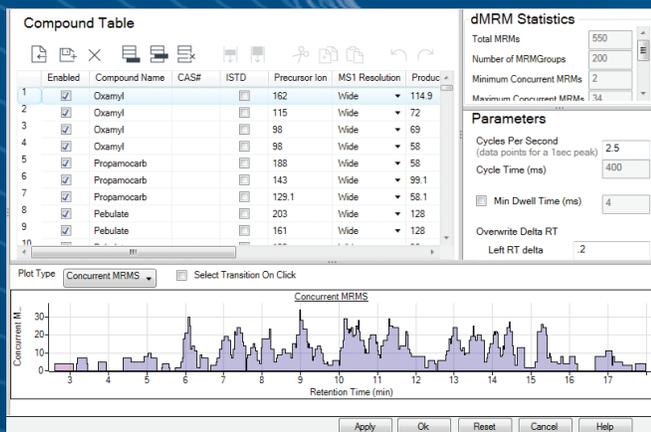
Choose the level of MS/MS sensitivity you need

For ultimate performance, Agilent offers the 7010B with its High Efficiency Source (HES), capable of measuring down to 0.5 fg or less for octafluoronaphthalene (OFN). Or, for more routine analysis, choose the 7000D with a sensitivity of 4.0 fg or less for OFN.



Automated, self-cleaning ion source

The Agilent JetClean self-cleaning ion source keeps your Agilent single or triple quadrupole GC/MS system free of matrix deposits that would otherwise build up over time and degrade instrument performance. Using a carefully controlled hydrogen flow, Agilent JetClean technology significantly reduces, or even eliminates, the need for cleaning the ion source, resulting in greater efficiency and lower cost per analysis.



Expand your CAPACITY by running SIM and scan methods on your triple quad

If you already own a single quad GC/MS, it's probably an Agilent 5973, 5975, or 5977 system, the most popular GC/MS in history. Now you can distribute your total laboratory workload to whichever instrument is available, even your 7000 or 7010 system, if it's not already busy doing MS/MS!

Load your method and go

There's no need for you to run a method translation program or do manual tweaking. Just load your single quad method and start your analysis. Only Agilent offers this level of simplicity and harmony.

Take advantage of the world's best GC for GC/MS

In addition to its versatile selection of inlets, totally inert flow path, and Ultra Inert columns, its automated retention time locking (RTL) capability lets you get the most out of dMRM.

Simplify your entire measurement workflow with integrated software tools

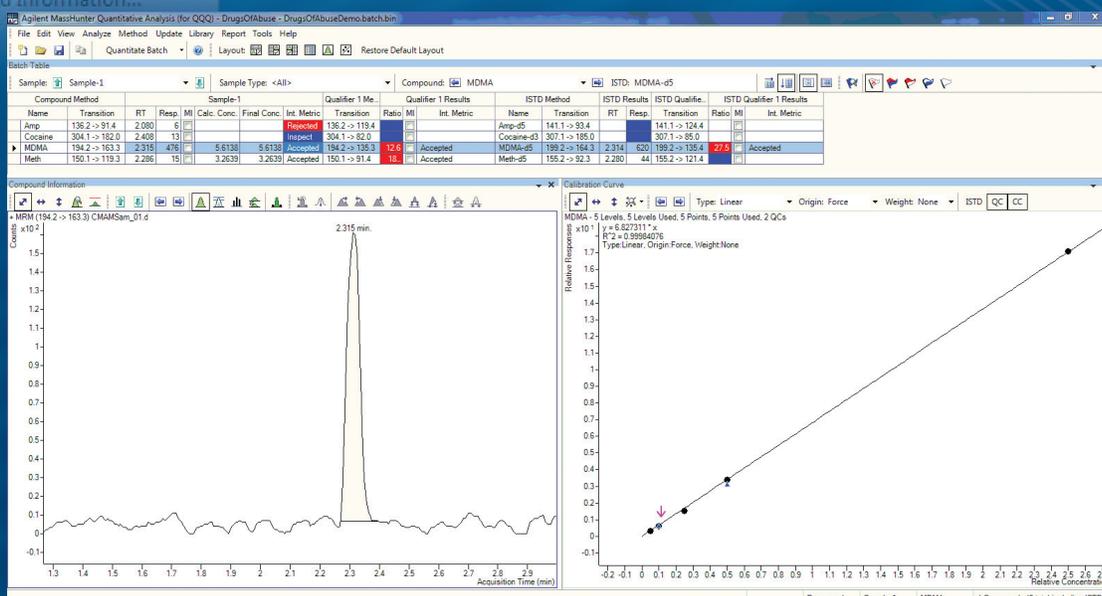
From instrument settings to data analysis and reporting, Agilent MassHunter software puts you in control – and makes your GC/MS analysis routine. Built-in GC calculators and translators reduce time needed for method development while the Parts Finder tool quickly identifies parts and part numbers for easy re-ordering.

Get the most from your GC/MS investment

Agilent CrossLab offers comprehensive instrument and enterprise services as well as a full curriculum of Agilent University learning solutions to maximize uptime, simplify administration and protect the investments in your laboratory.

Method Instrument Sequence View

- Load Method...
- Load Single Quad (597x) Method...
- Save Method
- Save Method As...
- Run Method...
- Print Method...
- Edit Entire Method...
- Additional Method Information...



Learn more

www.agilent.com/chem/gc-ms-ms

GC column selection tool

selectgc.chem.agilent.com

Inert flow path

www.agilent.com/en-us/promotions/inertflowpath

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