WHAT CAN MORE IONS DO FOR YOUR GC/MS/MS?

NEW AGILENT 7010 TRIPLE QUADRUPOLE GC/MS

Redraw the boundaries of GC/MS/MS workflow efficiency and analytical performance with the new high-efficiency Electron Ionization (EI) source. Simply put, more ions means more success for you and your lab.

Learn how more ions can give you more confidence in your data. Visit agilent.com/chem/7010

Let us help you find the right GC configuration, MS technology, and software package to meet your application and budget needs. Visit agilent.com/chem/MS





MORE IONS > boost workflow efficiency

The enhanced sensitivity of the new high-efficiency El source allows you to run only 1/4 the sample volume for routine analysis.

The benefits include:

- Up to 300% improvement of liner life
- Up to 3x longer column life based on smaller sample injection
- Simplified workflow no need for sample preconcentration

MORE IONS > detection limits lowered to attogram levels

The enhanced sensitivity of the new high-efficiency El source enables up to 20x more ions, and delivers unprecedented performance.

- Shorter dwell times required to achieve expected precision



Agilent Technologies



Quantify analytes at levels previously unachievable by any GC/MS



10 fg TCDD

Analysis of dioxin 2,3,7,8-TCDD (10 fg on-column) Sensitivity beyond HRMS (mag sector)

AGILENT'S NEW HIGH-EFFICIENCY ELECTRON IONIZATION SOURCE

- More intense electron beam
- Longer interaction path length
- Proprietary lens configuration



Agilent 7010 Triple Quadrupole GC/MS Setting new standards for El performance

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