



TAKE A NEW LOOK AT ROUTINE METALS ANALYSIS

The new, Solution-Ready Agilent 7800 ICP-MS combines proven, robust hardware, auto-optimization tools, and Pre-set Methods to simplify routine analysis, making your laboratory more productive, and your results more reliable.

What's more, with high matrix tolerance, wide dynamic range, and effective control of polyatomic interferences, the 7800 ICP-MS takes the uncertainty out of analyzing complex or variable sample matrices.

The 7800 ICP-MS is extraordinarily easy to set up and use, so you can quickly produce reliable results in the widest range of sample types.

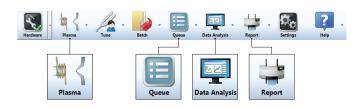
Fast track your ICP-MS method development

- New ICP-MS MassHunter software provides fast system setup, robust auto-optimization tools and extensive system status monitoring, to ensure consistent high performance.
- Many common methods can simply be loaded and run, with settings – from plasma conditions to analyte integration times and internal standards – predefined in a Pre-set Method.
 Where a specific new method is needed, the Method Wizard simplifies the setup process.
- The software includes performance, tune, QC, and sample report templates with operator tutorials for refresher or new-user training.
- Standard operating procedures (SOPs) for several common applications, guide new users in system setup and routine operation, setting you on the fast track to accurate analysis.



Solution-Ready ICP-MS

The 7800 ICP-MS includes SOPs for common applications, including drinking water, environmental waste analysis, and Elemental Impurities in pharmaceutical products.



Simplify your method setup

ICP-MS MassHunter software uses an intuitive layout with graphical toolbar Gadgets, making it easy to learn and use. The innovative Method Wizard builds a fully functional method based on your sample type and application.

LET THE AGILENT 7800 ICP-MS STREAMLINE YOUR ANALYTICAL WORKFLOW

Maximize throughput and productivity

The optional Integrated Sample Introduction System (ISIS 3), shown, and new SPS 4 autosampler lower your cost per analysis, without compromising data quality.

Reduce sample preparation and minimize suppression

Agilent's unique High Matrix Introduction (HMI) technology, standard on the 7800 ICP-MS, lets you analyze samples containing up to 3% total dissolved solids (TDS) without dilution, reducing sample preparation and saving time.

HMI also reduces signal suppression, so high matrix samples can be measured accurately without requiring matrix matched calibration standards.

Ensure accurate data with effective interference removal

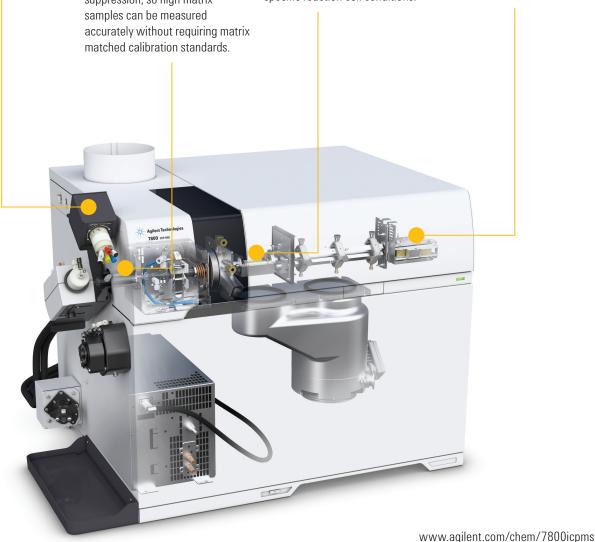
Helium (He) collision mode simplifies method development and routine operation by removing all polyatomic ion interferences under a single consistent set of conditions.

He mode avoids the need for matrix-specific or analytespecific reaction cell conditions.

Analyze major and trace analytes in a single run

The wide dynamic range orthogonal detector system (ODS) enables direct analysis of major elements (100s or 1000s of ppm) and trace level analytes (single- or sub-ppt) in a single run, simplifying methodology.

The high upper concentration limit reduces sample reruns caused by overrange results.



For more information

Learn more

www.agilent.com/chem/7800icpms

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