

Fast-Track your Metals Analysis with Solution-Ready ICP-MS

Agilent 7800 Quadrupole ICP-MS



Take a New Look at Routine Metals Analysis

The 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

- The ICP-MS MassHunter software provides fast system setup, robust auto-optimization tools and extensive system status monitoring, to ensure consistent, high performance.
- Routine methods are run from any pre-configured template and include instrument conditions, all analyte information, internal standards, QC, and reporting criteria. Should a new method be needed, ICP-MS MassHunter Method Wizard simplifies the setup process.
- The software includes performance, tune, QC, and sample report templates. Online tutorials are also supplied for refresher or new user training.
- Standard operating procedures and methods (SOPs/SOMs) are available for several common applications with more being constantly developed.

ICP Go software for simplified operation

The standard, full-featured ICP-MS MassHunter software ships with every 7800 system and our Analyzer bundle adds ICP Go – a workflow optimized software solution that also features the option for remote access.

ICP Go displays only the key settings required to setup and run sample analysis so even new and inexperienced operators will quickly be producing sensational results.

For further flexibility, ICP Go can be added to any existing Agilent ICP-MS as an upgrade, further enhancing your lab's productivity and providing a consistent user experience across all of your instruments¹.



Meet the Agilent 7800 ICP-MS Analyzer

The 7800 Analyzer is an integrated package of hardware, software and optional Application Packs consisting of consumables, fully developed SOP and method template, on-site implementation services, and a simplified, browser-based software interface called ICP Go.

¹ 7700, 7800 & 7900 ICP-MS and 8900 ICP-QQ instruments are supported.

Let the Agilent 7800 ICP-MS Streamline Your Analytical Workflow

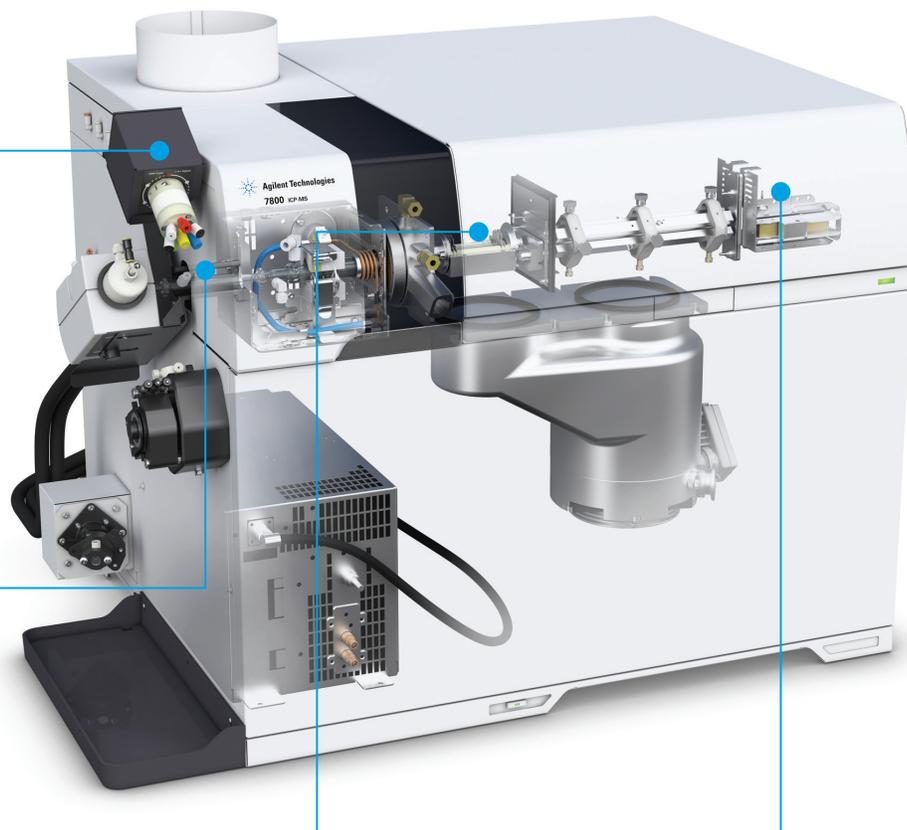
Maximize throughput and productivity

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 analyte-specific 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.

Maximize your productivity and data quality with genuine Agilent parts and supplies

For more information see: www.agilent.com/chem/specsuppliesinfo

Services let you focus on what you do best

Whether you need support for a single instrument or multiple labs, Agilent can help you solve problems quickly, increase uptime, and maximize the productivity of your team with:

- Familiarization disk including over 20 tutorial videos.
- On-site maintenance, repair and compliance.
- Service agreements for all your systems and peripherals.
- Application training and consulting from our dedicated, worldwide network of specialists.

Agilent Service Guarantee

If your Agilent instrument requires service while covered by an Agilent service agreement, we guarantee repair or we will replace your instrument for free.

No other manufacturer or service provider offers this level of commitment to keeping your lab running at maximum productivity.

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