



IET | International Equipment Trading Ltd.
www.IetLtd.com | *Proudly serving laboratories worldwide since 1979*
CALL +847.913.0777 for Refurbished & Certified Lab Equipment

7500 Series ICP-MS **Specifications**

Agilent 7500a – the new benchmark in ICP-MS

A full-featured high performance ICP-MS system designed for flexibility and routine operation. With a rugged sampling interface, Omega II off-axis ion lens, true hyperbolic quadrupole and a high speed simultaneous detector, the 7500a can handle the widest range of sample types and applications.

Agilent 7500i – the ultimate ICP-MS workhorse

7500i adds the ISIS sampling system and Intelligent Sequencing QC software, making it the most highly automated and productive ICP-MS in the world. Designed to handle the highest workloads and the toughest sample types, the 7500i is the ultimate ICP-MS workhorse for high throughput contract labs.

Agilent 7500s – next generation ICP-MS performance

The 7500s features Agilent's unique ShieldTorch technology – the only field-proven means of lowering argon based molecular species. A new high sensitivity interface gives the 7500s the highest sensitivity specification of any ICP-MS. With these powerful features, the 7500s meets the exacting demands of the semiconductor industry.

Agilent 7500c – redefining the boundaries of ICP-MS

The new 7500c features Agilent's unique Octopole Reaction System for interference removal in the most complex sample matrices. Designed specifically for those applications that cannot be met by conventional ICP-MS, the 7500c extends the boundaries of ultratrace analysis in complex matrices.

Opening up new application possibilities for ICP-MS

The range of sampling peripherals and optional software further enhance productivity and open up new application possibilities for ICP-MS.

Integrated Sample Introduction System (ISIS)

Standard on the 7500i, Agilent's unique new ISIS sampling system can be added to the 7500a and 7500s, and is also available to 4500 Series users. ISIS enables automated sample introduction and even preparation, thus significantly increasing sample throughput.

Plasma Chromatographic Software

The Agilent 7500 is the first ICP-MS platform designed and optimized for easy coupling with chromatographic techniques such as liquid chromatography. Combined with Agilent's ICP-MS Plasma Chromatographic software – Plasma Chrom – the 7500 is the perfect tool for speciation measurement.

DESCRIPTION	PRODUCT NO.
7500a ICP-MS Mainframe	G3151A
ICP-MS mainframe equipped with high solids nebulizer and Ni interface. Requires 7500 Series ChemStation.	
7500i ICP-MS Mainframe	G3152A
ICP-MS mainframe equipped with high solids nebulizer and Ni interface. Requires 7500 Series ChemStation.	
7500c ICP-MS Mainframe	G3155A
ICP-MS mainframe equipped with Babington nebulizer, Ni interface and Octopole Reaction System.	
7500s ICP-MS Mainframe	G3153A
ICP-MS mainframe equipped with high solids nebulizer and Ni interface. Requires 7500 Series ChemStation.	
Integrated Sample Introduction System (ISIS)	G3148A
For 7500a or 7500s. Expands the application range of the 7500 Series.	
Integrated Autosampler	G3160A
Rotary type autosampler with cover for ultratrace analysis.	
Intelligent Sequence Software for 7500a	G3143A
Adds Intelligent Sequencing software module.	
T-Mode Interface for 7500a or 7500i	G3147A
For low level Fe determination in drinking water samples.	
7500 Series ChemStation	G3150A
Includes ICP-MS operating software, PC, monitor and printer.	

DESCRIPTION	PRODUCT NO.
Typical Samples:	
Nickel Sample Cone. Screw threaded mount. Includes O-ring	G1820-65238
Nickel Skimmer Cone except 7500c. Screw threaded mount.	G1820-65050
Nickel Skimmer Cone for 7500c. Screw threaded mount.	G1833-65497
Pt Skimmer Cone except for 7500c. Screw threaded mount.	G1820-65237
Pt Skimmer Cone for 7500c. Screw threaded mount.	G1833-65092
Stainless Skimmer Base except for 7500c	G1833-65407
Stainless Skimmer Base for 7500c	G1833-65498
Brass Skimmer Base except for 7500c	G1833-65408
Brass Skimmer Base for 7500c	G1833-65505
Quartz Spray Chamber	G1820-65337
Quartz Torch	G1833-65423
Spray Chamber/Torch Connector	G1833-65426
Shield Torch System for 7500a or 7500i	G3142B
Nebulizer	
Concentric Nebulizer	G1820-65138
Endcap for Concentric & Microflow Nebulizer (with Viton O-ring)	G1833-65475
Babington Nebulizer	G1820-60453
Endcap for Babington Nebulizer (with Viton O-ring, Polypropylene)	G1833-65476
Cross-flow Nebulizer (including Endcap)	G1833-65033
Endcap for Babington Nebulizer (with Viton O-ring, Polypropylene)	G1833-65476
Electron Multiplier	G1833-65420
Peristaltic Pump Tubing	
Peristaltic Pump Tubing for Sample Introduction (Tygon, 1.02mmid, 12/pk)	G1820-65215
Peristaltic Pump Tubing for Drainage (Pharmed Tubing, 1.52mm id, 12/pk)	G1820-65216
On-line ISTD Addition Kit	G1820-65479



IET | International Equipment Trading Ltd.
www.IetLtd.com | *Proudly serving laboratories worldwide since 1979*
 CALL +847.913.0777 for Refurbished & Certified Lab Equipment

IET - Used Lab Equipment - Refurbished Analytical Laboratory Instruments