



Agilent 7500 Series ICP-MS Supplies

Quick Reference Guide

Agilent Supplies for Agilent Instruments

Agilent Technologies is committed to optimizing your laboratory's productivity. As part of this long-term commitment, we have designed our supplies to match our instruments precisely. You get consistent results and optimum instrument performance, all day, every day.

For your convenience, the shopping list below contains the most commonly ordered supplies and parts for the Agilent 7500 Series ICP-MS. Simply mark the supplies that you need or want to keep on hand. Then visit our Web site at www.agilent.com/chem/store for easy and convenient ordering. You can also call (or fax this marked list to) your local Agilent sales office or authorized Agilent distributor.

Description	Part Number	Recommended Quantity	Mark for Order
General Supplies			
Rotary pump oil (4 L)	6040-0798	1	<input type="checkbox"/>
Rotary pump oil (1 L)	6040-0834	2	<input type="checkbox"/>
Filter for cooling water	G1820-65018	1	<input type="checkbox"/>
Polishing paper kit (#400/#1200, 5 sheets each)	G1833-65404	1	<input type="checkbox"/>
Electron multiplier (ETP)	5184-1983	1	<input type="checkbox"/>
Electron multiplier (HPK)	G1833-65575	1	<input type="checkbox"/>
Note: Please confirm the type of the electron multiplier with your instrument, before ordering. We recommend that you use the same type of electron multiplier.			
Screws for skimmer base (4/pk)	G1820-65435	1	<input type="checkbox"/>
Parts Related to 7500a, i, s			
Extraction lens 1	G1833-65417	1	<input type="checkbox"/>
Extraction lens 2	G1833-65413	1	<input type="checkbox"/>
Screw and spacer set for extraction lens	G1833-65024	1	<input type="checkbox"/>
Omega lens assembly	G1833-65418	1	<input type="checkbox"/>
Screw and spacer set for ion lens	G1833-65025	1	<input type="checkbox"/>
Skimmer base with screws (stainless steel)	G1833-65407	1	<input type="checkbox"/>
Skimmer base with screws (brass)	G1833-65408	1	<input type="checkbox"/>
Parts Related to 7500c			
Extraction lens	G1833-65499	1	<input type="checkbox"/>
Einzel lens 1	G1833-65500	1	<input type="checkbox"/>
Einzel lens 2	G1833-65501	1	<input type="checkbox"/>
Einzel lens 3	G1833-65502	1	<input type="checkbox"/>
Octopole (without lens and o-ring)	G1833-65094	1	<input type="checkbox"/>
Octopole assembly (Cell entrance lens and cell exit lens without o-ring)	G1833-65503	1	<input type="checkbox"/>
Screw and spacer kit for extraction lens– Einzel lens assembly	G1833-65578	1	<input type="checkbox"/>
Screw and spacer kit for 7500c	G1833-65088	1	<input type="checkbox"/>
Cotton swab, ultra-fine cone bud shape, both ends (100/pk)	9300-2574	1	<input type="checkbox"/>

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Description	Part Number	Recommended Quantity	Mark for Order
Parts related to 7500cs			
Extraction lens 1	G1833-65592	1	<input type="checkbox"/>
Extraction lens 2	G1833-65593	1	<input type="checkbox"/>
Omega bias lens	G1833-65594	1	<input type="checkbox"/>
Omega lens	G1833-65595	1	<input type="checkbox"/>
Octopole assy (Cell focus, cell entrance/exit and QP focus without o-ring)	G1833-65134	1	<input type="checkbox"/>
Screw and spacer kit for extraction and Omega lens	G1833-65125	1	<input type="checkbox"/>
Screw and spacer kit for reaction cell	G1833-65138	1	<input type="checkbox"/>
Cotton swab, ultra-fine cone bud shape, both ends (100/pk)	9300-2574	1	<input type="checkbox"/>
Interface Supplies			
O-ring for sampling cone (Viton O-ring, Teflon coating)	G1820-65025	2	<input type="checkbox"/>
Sampling cone (Nickel)	G1820-65238	1	<input type="checkbox"/>
Sampling cone (Platinum)	G1820-65239	1	<input type="checkbox"/>
Pt sampling cone (18 mm tip)	G1820-65360	1	<input type="checkbox"/>
Skimmer cone (Nickel)	G1820-65050	1	<input type="checkbox"/>
Skimmer cone (Platinum)	G1820-65237	1	<input type="checkbox"/>
Interface wrench for sampling cone	G1833-65405	1	<input type="checkbox"/>
Torch Supplies			
Quartz torch (2.5 mm i.d.) standard	G1833-65423	2	<input type="checkbox"/>
Quartz torch (1.5 mm i.d., taper type)	G1833-65424	1	<input type="checkbox"/>
Quartz bonnet for ShieldTorch	G1833-65421	2	<input type="checkbox"/>
Shield plate for ShieldTorch (2 pieces)	G1833-65406	3	<input type="checkbox"/>
Long-life shield plate (1 piece)	G1833-65419	1	<input type="checkbox"/>
Work coil	G1833-65432	1	<input type="checkbox"/>
Inert torch (without injector, Quartz)	G1833-65422	1	<input type="checkbox"/>
Injector for inert torch (Platinum, 2.0 mm i.d.)	G1833-65409	1	<input type="checkbox"/>
Injector for inert torch (Platinum, 2.5 mm i.d.)	G1833-65415	1	<input type="checkbox"/>
Injector for inert torch (Platinum, 1.5 mm i.d.)	G1833-65416	1	<input type="checkbox"/>
Injector for inert torch (Sapphire, 2.0 mm i.d.)	G1833-65410	1	<input type="checkbox"/>
Tubing for plasma/auxiliary gas line (350 mm, 1 piece each)	G1833-65428	1	<input type="checkbox"/>
Connectors for plasma/auxiliary gas lines (2 types, 1 each)	G1820-65027	1	<input type="checkbox"/>
Inner sleeve for carrier/makeup/auxiliary gas lines (5 pieces)	5042-0922	1	<input type="checkbox"/>
Inner sleeve for plasma gas line (5 pieces)	5042-0923	1	<input type="checkbox"/>
Spray Chamber Supplies			
Ball joint connector (Quartz)	G1833-65426	2	<input type="checkbox"/>
Clamp (2/pk)	G1833-65430	1	<input type="checkbox"/>
Spray chamber (Quartz)	G1820-65337	2	<input type="checkbox"/>
Spray chamber (Polypropylene, Sapphire tube)	G1833-65463	1	<input type="checkbox"/>
Nebulizer Supplies			
Babington nebulizer (with Viton O-ring and sample tubing, PEEK)	G1820-60453	1	<input type="checkbox"/>
Sample tubing with connector for Babington nebulizer (Teflon)	G1820-65276	3	<input type="checkbox"/>
O-ring for Babington nebulizer (Viton O-rings, 4/pk)	G1820-65199	1	<input type="checkbox"/>
Concentric nebulizer (Quartz)	G1820-65138	2	<input type="checkbox"/>
Sample tubing (PFA) (0.5 mm i.d., 1.6 mm od, 5 m)	G1820-65105	2	<input type="checkbox"/>
O-rings for end cap (Viton O-rings, 5/pk)	G1820-65198	1	<input type="checkbox"/>
Carrier gas line connector for Babington nebulizer (with ferrule and Viton O-ring, Teflon)	G1820-65214	1	<input type="checkbox"/>

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Description	Part Number	Recommended Quantity	Mark for Order
Nebulizer Supplies (Continued)			
Makeup gas line connector for cross flow nebulizer (Teflon, 2/pk)	G1820-65119	1	<input type="checkbox"/>
Carrier gas line connector for concentric nebulizer (with ferrule and Viton O-ring, Teflon)	G1820-65052	1	<input type="checkbox"/>
Sample line connector for concentric nebulizer (with Viton O-ring)	G1820-60160	1	<input type="checkbox"/>
Tubing for carrier/makeup gas line (PTFE, 2/pk)	G1833-65414	1	<input type="checkbox"/>
Inner sleeve for carrier/makeup/auxiliary gas lines (5 pieces)	5042-0922	1	<input type="checkbox"/>
Peristaltic Pump Supplies			
Tygon peristaltic pump tubing for sample introduction (12/pk)	G1833-65569	3	<input type="checkbox"/>
Isamaprene peristaltic pump tubing for drain (12/pk)	G1833-65570	2	<input type="checkbox"/>
Tygon peristaltic pump tubing for ISTD (12/pk)	G1833-65571	3	<input type="checkbox"/>
Peristaltic pump tubing kit for on-line standard addition	G1833-65071	1	<input type="checkbox"/>
Drain tubing kit	G1833-65411	1	<input type="checkbox"/>
Peristaltic pump tubing for sample introduction (silicon, 6 pieces)	G1820-65217	1	<input type="checkbox"/>
Tygon tubing (for online ISTD addition, 3 mm i.d., 500 mm)	G1820-65104	1	<input type="checkbox"/>
Gas Line Supplies			
Connectors for plasma/auxiliary gas (1/pk each)	G1820-65027	1	<input type="checkbox"/>
Inner sleeves for carrier, blend and auxiliary gas lines (5/pk)	5042-0922	2	<input type="checkbox"/>
Inner sleeves for plasma gas line (5/pk)	5042-0923	2	<input type="checkbox"/>
Carrier gas line connector for Babington nebulizer (with ferrule and Viton O-ring, Teflon)	G1820-65214	1	<input type="checkbox"/>
Carrier gas line connector for concentric nebulizer (with ferrule and Viton O-ring, Teflon)	G1820-65052	1	<input type="checkbox"/>
Makeup gas line connector for cross flow nebulizer (Teflon, 2/pk)	G1820-65119	1	<input type="checkbox"/>
Standards			
Installation and Checkout Standards			
ICP-MS checkout solution for 7500s system installation kit. Contains tuning solution, dual mode (1), dual mode (2), abund sens (1), abund sens (2), detection limit solution, high sens tune, wash, and water blank solutions	5184-3564	1	<input type="checkbox"/>
ICP-MS checkout solution for 7500a and 7500i system installation kit. Contains tuning solution, dual mode (1), dual mode (2), wash, and water blank solutions	5184-3565	1	<input type="checkbox"/>
Tuning Solutions			
Stock tuning solution Li, Y, Ce, Tl; 100 ml, 10 ug/mL; matrix=2% HNO3	8500-6943	1	<input type="checkbox"/>
Tuning solution Li, Y, Ce, Tl and Co; 2 x 500 mL, 10 ng/mL; matrix=0.2% HNO3	5184-3566	1	<input type="checkbox"/>

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Description	Part Number	Recommended Quantity	Mark for Order
Multi-Element Calibration Standards			
Multi-element calibration standard-1 Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, Y, Yb; 100 mL, 10 ug/mL; matrix=5% HNO3	8500-6944	1	<input type="checkbox"/>
Multi-element calibration standard-2A Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, Hg, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Ti, U, V, Zn; 100 mL, 10 ug/mL; matrix=5% HNO3	8500-6940	1	<input type="checkbox"/>
Multi-element calibration standard-3 Sb, Au, Hf, Ir, Pd, Pt, Rh, Ru, Te, Sn; 100 mL, 10 ug/mL; matrix=10% HCl	8500-6948	1	<input type="checkbox"/>
Multi-element calibration standard-4 B, Ge, Mo, Nb, P, Re, S, Si, Ta, Ti, W, Zr; 100 mL, 10 ug/mL; matrix=H2O/trace HF	8500-6942	1	<input type="checkbox"/>
Single-Element Standards			
Bismuth, 100 mL, 10 ug/mL	8500-6936	1	<input type="checkbox"/>
Cobalt, 100 mL, 10 ug/mL	8500-6947	1	<input type="checkbox"/>
Gold, 100 mL, 10 ug/mL	8500-7000	1	<input type="checkbox"/>
Indium, 100 mL, 10 ug/mL	8500-6946	1	<input type="checkbox"/>
Mercury, 100 mL, 10 ug/mL	8500-6941	1	<input type="checkbox"/>
Rhodium, 100 mL, 10 ug/mL	8500-6945	1	<input type="checkbox"/>
Interference Check Mixes			
6020 interference check mix 1 Cl, C, Ca, Fe, K, Al, Mg, Na, P, S, Mo, Ti at various concentrations; 100 mL; matrix=5% HNO3/trace HF	8500-6998	1	<input type="checkbox"/>
6020 interference check mix 2 Ag, As, Cd, Co, Cr, Cu, Mn, Ni, Zn; 100 mL, 10 ug/mL, matrix=2% HNO3	8500-7001	2	<input type="checkbox"/>
Environmental Standards			
Environmental calibration standard 1,000 ppm: Fe, K, Ca, Na, Mg; 10 ppm: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix = 10% HNO3, 100 mls	5183-4688	1	<input type="checkbox"/>
Initial calibration verification standard 1,000 ppm: Fe, K, Ca, Na, Mg, Sr; 10 ppm: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix = 5% HNO3, 100 mls	5183-4682	1	<input type="checkbox"/>
Internal standard mix 500 mls 10 ppm: ⁶ Li, Sc, Ge, Y, In, Tb, Bi; matrix = 5-10% HNO3, 500 mls	5183-4680	1	<input type="checkbox"/>
Internal standard mix 10 ppm: ⁶ Li, Sc, Ge, Y, In, Tb, Bi; matrix = 5-10% HNO3, 100 mls	5183-4681	1	<input type="checkbox"/>
Environmental spike mix 1,000 ppm: Fe, K, Ca, Na, Mg; 100 ppm: Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, U; matrix = 5% HNO3; 100 mls	5183-4687	1	<input type="checkbox"/>

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For greater confidence in your chromatography results, you can optimize your total system with quality Agilent columns and supplies for the Agilent 7500 Series ICP-MS. A wide range of columns, supplies, kits, and accessories is designed, manufactured, and tested to rigorous Agilent specifications, under a quality system registered to ISO 9001. Why risk compromising your analytical results with anything less than genuine Agilent consumables?

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