

Essential Instrument Supplies

Agilent technical experts have compiled a list of recommended supplies that you should consider using with your new instrument in order to keep your lab operational without any disruptions and to achieve optimal performance.

Top supplies for routine ICP-MS applications

7800/7850/7900/8900 ICP-MS with x-lens



9500 ICP-MS with u-lens



● Sample introduction supplies

For 7800/7850/7900/8900 ICP-MS with x-lens	Part number
Nebulizer, MicroMist, borosilicate glass, U-series with UniFit sample connector (7800/7850/7900)	G3266-80004
Nebulizer, MicroMist, U-series with UniFit sample connector and threaded direct connection gas line (8900)	G3266-80005
Quartz spray chamber for 7800, non-UHMI	G3280-80008
Quartz spray chamber for 7850/7900/8900, UHMI	G8400-67150

For 9500 ICP-MS with u-lens	Part number
Online internal standard addition kit. Includes grounding manifold 2 inlets version (M5150-67026)	M5150-67105
Nebulizer, MicroMist, U-series with UniFit sample connector and threaded direct connection gas line (9500)	M5150-67024
UHMI Quartz spray chamber (standard)	M5150-67016
Quartz spray chamber for 9500 ICP-MS, non-UHMI	M5150-67017

● Torches and torch box supplies

For 7800/7850/7900/8900 ICP-MS with x-lens	Part number
Torch, quartz, 2.5 mm id injector, 1/pk	G3280-80053
Long life platinum shield plate for ShieldTorch, 1/pk	G1833-65419
ShieldTorch bonnet, quartz, 1/pk	G1833-65421
Connector tube for use with UHMI	G3270-80025
Connector tube with dilution port for use with HMI	G3270-80024

For 9500 ICP-MS with u-lens	Part number
Easy-fit torch, quartz, 2.5 mm id injector for aqueous samples	M5150-67011
Easy-fit torch, quartz, 1.5 mm id injector for organic samples (optional configuration)	M5150-67012
Straight quartz connector tube with UHMI spray chamber	M5150-67014
Connector tube with gas port for use with HMI	M5150-67015

● Interface supplies

For 7800/7850/7900/8900 ICP-MS with x-lens	Part number
Sampler cone, nickel, 1/pk	G3280-67040
Graphite gasket for sampling cone, 3/pk	G3280-67009
Nickel skimmer cone, x-lens, for 7800/7850 ICP-MS	G3280-67041
Nickel skimmer cone, x-lens, for 7900/8900 ICP-MS	G8400-67200
Easy-fit x-lens, single piece assembly for 7800/7850	G3280-67200
Easy-fit x-lens, single piece assembly for 7900	G8400-67100
Easy-fit x-lens, single piece assembly for 8900	G3666-67700

For 9500 ICP-MS with u-lens	Part number
Easy-fit sampler cone, nickel tip with copper base	M5150-67000
Graphite gasket for sampling cone, 3/pk	M5150-67029
Nickel skimmer cone for most common applications (standard configuration)	M5150-67005
Easy-fit u-lens, single piece assembly	M5150-67104

Standard (aqueous) supplies recommendations for all Agilent ICP-MS systems

Description	Reason to use	Part number
PVC tubing, 2-stop, white/white tabs, 1.02 mm ID, for sample uptake	Easy-fit peristaltic pump tubing, standard for sample uptake, recommended for aqueous, acid or alkaline matrix, 1 pack of 12 pcs	5005-0020
Flared-end PVC tubing, 2-stop, blue/orange tabs, 0.25 mm ID, for ISTD uptake	Easy-fit peristaltic pump tubing, standard for internal standard uptake, recommended for aqueous, acid, or alkaline matrix, 1 pack of 12 pcs	5005-0021
Beige thermoplastic elastomer, 3-stop, yellow/blue tabs, 1.52 mm id, for pumping drain	Easy-fit peristaltic pump tubing, long-life, standard for spray chamber drain, 1 pack of 12 pcs	5005-0022
Peristaltic pump tubing, PVC, black/black tabs, 0.76 mm id, flared ends, 12/pk	Recommended for introduction of high matrix samples, for use with both Sample and ISTD uptake to achieve 1:1 dilution.	5005-0023
PFA sample tubing, 0.5 mm ID, 1.6 mm OD, 5 m for standard sample introduction	Standard sample uptake tubing used with Agilent ICP-MS. Replace when tubing is bent, damaged, or when there are serious memory effects in the sample introduction area.	G1820-65105
Magnifier 10X, LED lit for ICP-MS cones	Magnifier tool for inspection and measurement of interface cone orifices. Provides 10× magnification with LED illumination, manual focus, and ±15 mm scaled reticle with 0.1 mm divisions. Required for routine maintenance to ensure proper cleaning for optimal sensitivity and long, stable operation.	5190-9614
Detergent for cleaning interface cones and lenses, 1 gallon	Concentrated Citranox solution to be diluted to 2% v/v with ultrapure water for cleaning interface cones in ultrasonic bath.	5188-5359
UniFit sample connector, 0.5 mm id, 10/pk	Additional sample capillaries for introducing sample into the nebulizer. Consumable sample connectors that require periodic replacement; spares recommended.	G3266-80012
Easy-fit peristaltic pump tubing, optional for organic solvent matrix sample uptake, 1 pack of 12 pcs	Yellow PVC solvent-flex tubing, 2-stop, white/white tabs, 1.02 mm ID. Recommended for common organic solvents used with ICP-MS.	5005-0025
Easy-fit peristaltic pump tubing, optional for organic solvent matrix internal standard uptake, 1 pack of 12 pcs	Flared-end yellow PVC solvent-flex tubing, 2-stop, blue/orange tabs, 0.25 mm ID. Recommended for common organic solvents used with ICP-MS.	5005-0027
Easy-fit peristaltic pump tubing, optional for organic solvent high matrix sample and ISTD uptake, 1 pack of 12 pcs	Flared-end yellow PVC solvent-flex tubing, 2-stop, black/black tabs, 0.76 mm ID. Recommended for common organic solvents used with ICP-MS. Optional for sample and internal standard uptake for online 1:1 dilution with ISTD. Improves method robustness for high-matrix organic solvent samples.	5005-0026
Nebulizer cleaner, for glass concentric nebulizers	Enables cleaning of MicroMist nebulizer by backflushing to dislodge particle buildup and restore nebulizer performance.	G3266-80020
Nebulizer, Mira Mist, PTFE	Recommended for high solids applications such as environmental, geological, etc. Excellent resistance to acids (including HF) and organics; does not self-aspirate.	G3161-80000
Nebulizer, MicroFlow, inert PFA, self-aspirates at 200 µL/min	For trace analysis and hydrofluoric acid (HF), self-aspirates or can be used with instrument peristaltic pump	G3139-65100
Nebulizer, MicroFlow PFA-ST, self-aspirates at 200 µL/min	For trace analysis and hydrofluoric acid (HF), self-aspirates or can be used with instrument peristaltic pump. Compatible with capillaries without or with I-AS and SPS 4 autosampler probe for self-aspiration at 20/50/100/200/400 µL/min (G3139-68101 to G3139-68115)	G3139-68100

Description	Reason to use	Part number
Argon humidifier	The argon humidifier accessory is used to humidify the nebulizer and dilution gas when analyzing high matrix samples such as undiluted sea water. It helps to reduce blockage in the nebulizer and sample introduction system, improving long-term stability. Customer installable.	G8412A #100 or G8400-60700
AVF platinum pump oil for MS40+, 1 L bottle	Agilent Vacuum Fluid (AVF) Platinum is a long-life, acid-resistant pump oil for use in all Rotary Vane Pumps (RVP) / Foreline pumps used with ICP-MS instruments. Replace oil on color change to dark brown, typically every 6 months. Optional pouring spout sold separately (5799-0021).	X3760-64004
Filter, oil mist, for MS40+ pump, 1/pk	Oil mist filter for Agilent MS40+ foreline pump. Replace typically every 12 months.	G1960-80039
Agilent Cool Clear coolant fluid, two 1-gallon bottles	General purpose coolant fluid for recirculating chiller / heat exchanger. Formulation includes corrosion inhibitor for the protection of your spectrometer's cooling circuit. Recommended to replace fluid annually in normal usage. Supplied in pack of two 1 gallon (3.8 L) bottles.	5799-0037
Gas Clean carrier gas purifier, 1/pk	Replacement moisture and oxygen filter to be used for helium and hydrogen collision/reaction cell gas lines.	CP17973
Stock tuning solution, 100 mL	Used for tuning by dilution to 1 or 10 µg/L. Contains Li, Mg, Y, Ce, Tl and Co; 10 mg/L; matrix 2% HNO ₃ .	5190-0465
Quiet Cover for MS40+ rotary pump	Recommended for MS40+ rotary pump used with 7800, 7850, 7900, 8900, 9500. Features a sound-absorbing cabinet with resistant foam insulation to effectively reduce pump noise, while cushioned mounts minimize vibration.	G6011B
Waste container kit	Recommended for waste collection on all spectroscopy instruments. A 10 L container with S60 Stay Safe cap and charcoal vapor filter to prevent harmful vapors in the lab environment.	5005-0437
Replacement charcoal filter for vapor trapping	Recommended for waste collection container on all spectroscopy instruments. A replacement charcoal filter to trap acid and solvent vapors with 6-month time strip.	5043-1193

Advance your ICP-MS knowledge

The Agilent ICP-MS Resource Hub offers a wide range of educational content to support ICP-MS applications, including articles, on-demand webinars, expert insights, and information on current research and emerging trends. As a central source for practical knowledge and learning, the hub helps users stay informed and build technical expertise. Visit the ICP-MS Resource Hub to explore the available resources.

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Standard (aqueous) 9500 ICP-MS supplies recommendations

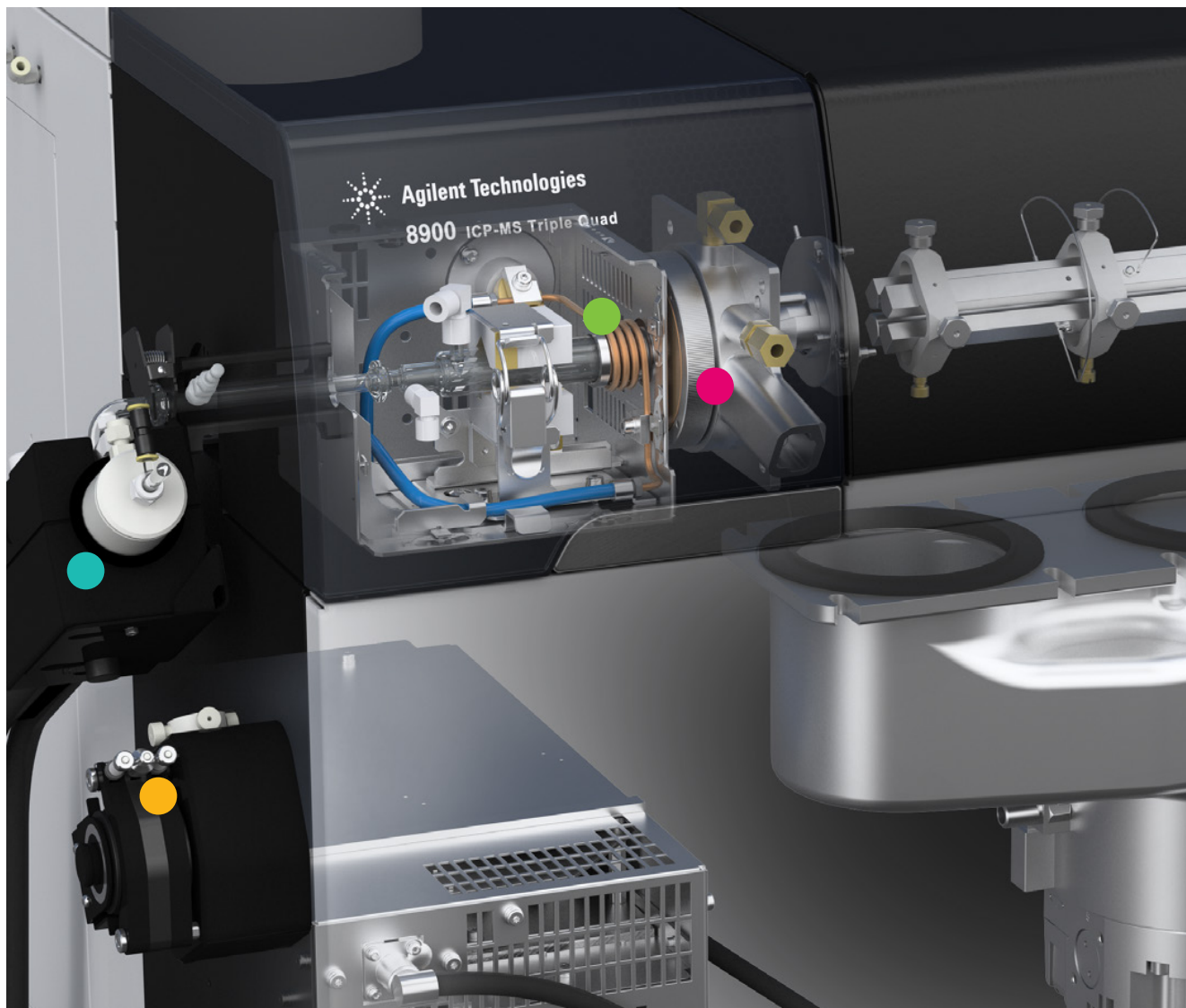
Description	Reason to use	Part number
Nickel sampler cone care package for 9500 ICP-MS	Includes two Easy-fit sampler cones and routine maintenance supplies, plus a magnifier tool for inspection of sampler and skimmer cone condition. Enables proper cleaning and maintenance for optimal sensitivity and long, stable operation.	M5150-67100
Nickel-tip nickel-plated sampler cone care package for 9500 ICP-MS	Includes two Easy-fit sampler cones and routine maintenance supplies, plus a magnifier tool for inspection of sampler and skimmer cone condition. Enables proper cleaning and maintenance for optimal sensitivity and long, stable operation.	M5150-67101
Easy-fit sampler cone for 9500 ICP-MS, nickel tip with nickel-plated copper base	Optional cone offering extended lifetime and reduced cleaning compared to standard nickel sampler cone. Recommended for samples containing >0.5% HCl or for routine operation with (U)HMI at maximum aerosol dilution ratio.	M5150-67001

Standard (aqueous) 7800/7850/7900/8900 ICP-MS supplies recommendations

Description	Reason to use	Part number
Nickel sampler cone care package	Includes two sampler cones and routine maintenance supplies, plus a magnifier tool for inspection of sampler and skimmer cone condition. Enables proper cleaning and maintenance for optimal sensitivity and long, stable operation.	5067-0294
Nickel-tip nickel-plated sampler cone care package	Includes two sampler cones and routine maintenance supplies, plus a magnifier tool for inspection of sampler and skimmer cone condition. Enables proper cleaning and maintenance for optimal sensitivity and long, stable operation.	5067-0295
Sampler cone, nickel, nickel-plated, 1/pk	Optional cone offering extended lifetime and reduced cleaning compared to standard nickel sampler cone. Recommended for samples containing >0.5% HCl or for routine operation with (U)HMI at maximum aerosol dilution ratio.	G3280-67061
Inert sample introduction kit, 2.5 mm id sapphire injector	Replaces standard sample introduction system with an inert system suitable for use with HF. Requires but does not include inert nebulizer. Includes PFA end cap, spray chamber, connector tube, demountable torch and sapphire injector.	G4912-68000
Inert sample introduction kit, 2.5 mm id platinum injector	Replaces standard sample introduction system with an inert system suitable for use with HF for semiconductor or other trace analysis applications. Requires but does not include inert nebulizer. Includes PFA end cap, spray chamber, connector tube, demountable torch and platinum injector	G4912-68001

Top supplies for ICP-MS semiconductor applications

7800/7850/7900/8900 ICP-MS with s-lens



● Waste solution and tubing supplies

For 7800/7850/7900/8900 ICP-MS with s-lens	Part number
Waste container kit, 10 L with Stay Safe cap and charcoal vapor filter	5005-0437
Replacement charcoal filter for vapor trapping, with 6 month time strip	5043-1193
Easy-fit peristaltic pump tubing, long-life, standard for spray chamber drain	5005-0022

● Sample introduction supplies

For 7800/7850/7900/8900 ICP-MS with s-lens	Part number
Quartz spray chamber, non-UHMI, 1/pk for 79/8900 with s-lens	G3280-80008
MicroFlow, PFA, 200 µL/min, 1/pk for 79/8900 with s-lens without I-AS	G3139-65100
MicroFlow with I-AS probe, PFA, 200 µL/min, 1/pk for 79/8900 with s-lens	G3139-65102
MicroFlow with SPS 4 probe, PFA, 200 µL/min, 1/pk for 79/8900 with s-lens	G3139-68000
MicroFlow PFA-ST with replaceable capillary, 1/pk for 79/8900 with s-lens. Default capillary for 200 µL/min. Alternative capillaries available for alternative flowrates and usage without autosampler or with I-AS or SPS 4 autosampler	G3139-68100
PFA-ST MicroFlow nebulizer capillary 20 uL/min	G3139-68101
PFA-ST MicroFlow nebulizer capillary 50 uL/min	G3139-68102
PFA-ST MicroFlow nebulizer capillary 100 uL/min	G3139-68103
PFA-ST MicroFlow nebulizer capillary 200 uL/min	G3139-68104
PFA-ST MicroFlow nebulizer capillary 400 uL/min	G3139-68105
PFA-ST MFN capillary with I-AS probe, 20 uL/min	G3139-68106
PFA-ST MFN capillary with I-AS probe, 50 uL/min	G3139-68107
PFA-ST MFN capillary with I-AS probe, 100 uL/min	G3139-68108
PFA-ST MFN capillary with SPS 4 probe, 200 uL/min	G3139-68109
PFA-ST MFN capillary with I-AS probe, 400 uL/min	G3139-68110
PFA-ST MFN capillary with SPS 4 probe, 20 uL/min	G3139-68111
PFA-ST MFN capillary with SPS 4 probe, 50 uL/min	G3139-68112
PFA-ST MFN capillary with SPS 4 probe, 100 uL/min	G3139-68113
PFA-ST MFN capillary with SPS 4 probe, 200 uL/min	G3139-68114
PFA-ST MFN capillary with SPS 4 probe, 400 uL/min	G3139-68115

● Torches and torch box supplies

For 7800/7850/7900/8900 ICP-MS with s-lens	Part number
Torch, quartz, 2.5 mm id injector, 1/pk	G3139-65100
Long life platinum shield plate for ShieldTorch, 1/pk	G1833-65419
ShieldTorch bonnet, quartz, 1/pk	G1833-65421
Connector tube with dilution port for use with 79/8900 with s-lens	G3270-80024

● Interface supplies

For 7800/7850/7900/8900 ICP-MS with s-lens	Part number
Sampler cone, platinum, 1/pk	G3280-67036
Graphite gasket for sampling cone, 3/pk	G1833-65419
Platinum-tip with copper base, for 7900 ICP-MS, 1/pk	G1833-65421
Platinum-tip with copper base, for 8900 ICP-MS, 1/pk	G3270-80024
Lens assembly with brass skimmer base, for s-lens of 7900 ICP-MS	G8400-67002
Lens assembly with brass skimmer base, for s-lens of 8900 ICP-MS	G3666-67400

Vacuum pump and cooling supplies

For 7800/7850/7900/8900 ICP-MS with s-lens	Part number
AVF platinum pump oil for MS40+, 1 L bottle	X3760-64004
Filter, oil mist, for MS40+ pump, 1/pk	G1960-80039
Agilent Cool Clear coolant fluid, two 1 gallon bottles	5799-0037

Platinum interface cones supplies recommendations

Platinum interface cones are required for analysis of aggressive acids (especially hydrofluoric acid digests) and when O₂/Ar option gas is used for analyzing organic solvents. Users switching from the standard nickel cone will also need to install the brass skimmer base to prevent overheating of the cone and potential damage to the platinum cone.

Platinum skimmer cones with a copper base are recommended for lower limits of detection and for higher-matrix samples.

Platinum skimmer cones with a nickel base are recommended for aggressive acids (especially HCl, HF, and HClO₄), organic solvents and for higher-matrix samples.

For 7800/7850/7900/8900 ICP-MS systems

Description	Reason to use	Part number
Skimmer base, brass, for x-lens, ICP-MS	Required with platinum interface cones. Users switching from the standard nickel cone will need to install the brass skimmer base to prevent overheating of the cone and potential damage to the platinum cone.	G3280-60621 (7800) G8400-60625 (7900) G3666-60311 (8900)
Platinum sampler cone care package	Includes two sampler cones with the necessary maintenance supplies and a magnifier tool. Supports proper cleaning and upkeep of the sampler cone to maintain optimal sensitivity and stable long-term performance. The magnifier allows inspection of the orifice on the sampler or skimmer cones.	5067-0296
Nickel-plated platinum cone care package	Includes two sampler cones with the necessary maintenance supplies and a magnifier tool. Supports proper cleaning and upkeep of the sampler cone to maintain optimal sensitivity and stable long-term performance. The magnifier allows inspection of the orifice on the sampler or skimmer cones.	5067-0297
ICP-MS sampler cone, platinum	Suitable for 78/79/8900 ICP-MS. Use with platinum skimmer cone and brass skimmer base.	G3280-67036

For 7800/7850/7900/8900 ICP-MS systems (*continued*)

Description	Reason to use	Part number
ICP-MS sampler cone, platinum/nickel-plated	With aggressive matrices like 10% aqua regia, the nickel-plated platinum cone doubles cone life and reduces maintenance with a simple water sonication cleaning, cutting cleaning frequency by over 3x compared to a standard platinum cone. Compatible with 78/79/8900 ICP-MS, it is intended for use with a platinum tip, nickel-base skimmer cone, and brass skimmer base.	G3280-67142
7900/8900 ICP-MS skimmer cone, platinum, x-lens	Platinum skimmer cone, with copper base for 7900/8900 ICP-MS. Use with platinum sampler cone and brass skimmer base.	G8400-67201
7900/8900 ICP-MS skimmer cone, platinum/nickel, x-lens	Platinum skimmer cone, with nickel base for 7900/8900 ICP-MS. Use with platinum sampler cone and brass skimmer base.	G8400-67202
77/78/8800 ICP-MS skimmer cone, platinum, x-lens	Platinum skimmer cone, with copper base for 7800/7850 ICP-MS. Use with platinum sampler cone and brass skimmer base (G3280-60621).	G3280-67060
77/78/8800 skimmer cone, platinum/nickel, x-lens	Platinum skimmer cone, with nickel base for 7800/7850 ICP-MS. Use with platinum sampler cone and brass skimmer base (G3280-60621).	G3280-67063

For 9500 ICP-MS systems

Description	Reason to use	Part number
Skimmer base, brass, for u-lens	Required with platinum interface cones. Users switching from the standard nickel cone will need to install the brass skimmer base to prevent overheating of the cone and potential damage to the platinum cone.	M5150-67019
Platinum sampler cone care package	Includes two Easy-fit, platinum tip sampler cones with the necessary maintenance supplies and a magnifier tool. Supports proper cleaning and upkeep of the sampler cone to maintain optimal sensitivity and stable long-term performance. The magnifier allows inspection of the orifice on the sampler or skimmer cones.	M5150-67102
Nickel-plated platinum cone care package	Includes two Easy-fit, nickel-plated, platinum tip sampler cones with the necessary maintenance supplies and a magnifier tool. Supports proper cleaning and upkeep of the sampler cone to maintain optimal sensitivity and stable long-term performance. The magnifier allows inspection of the orifice on the sampler or skimmer cones.	M5150-67103
Easy-fit sampler cone, platinum	Platinum-tip with copper base. Use with platinum skimmer cone and brass skimmer base.	M5150-67002
Easy-fit sampler cone, platinum/nickel-plated	With aggressive matrices like 10% aqua regia, the nickel-plated platinum cone doubles cone life and reduces maintenance with a simple water sonication cleaning, cutting cleaning frequency by over 3x compared to a standard platinum cone. Compatible with 9500 ICP-MS, it is intended for use with a platinum tip, nickel-base skimmer cone, and brass skimmer base.	M5150-67003
ICP-MS skimmer cone, platinum-tip, copper base, u-lens	Platinum skimmer cone with copper base for 9500 ICP-MS with u-lens. Use with platinum sampler cone and brass skimmer base. For aggressive acid digests, including HF.	M5150-67006
ICP-MS skimmer cone, platinum-tip, nickel base, u-lens	Platinum skimmer cone, with nickel base for 9500 ICP-MS with u-lens. Use with platinum sampler cone and brass skimmer base. For organic solvent analysis using oxygen/argon option gas.	M5150-67007

If you need more guidance to help you recommend the right sampling cone, skimmer cone, and skimmer base for your customer's instrument configuration and application, please refer to the [cone selection guide available here](#).

Operating supplies kits recommendations

The configurable supplies kits listed below include recommended options for ICP-MS instruments with a standard configuration and contain the supplies typically needed for up to 12 months of routine operation.

Description	Reason to use	Part number
Configurable supplies kit for 7900 ICP-MS with x-lens	Provides all the supplies required to keep a standard 7900 ICP-MS instrument with x-lens running for up to 12 months (depending on use) without worrying about reordering supplies	G1131A Options: #100 x-lens mandatory option #200 Nickel sampling cone #300 Nickel skimmer cone #402 Oil for the roughing pump
Configurable supplies kit for 7900 ICP-MS with s-lens	Provides all the supplies required to keep a semiconductor 7900 ICP-MS instrument with s-lens running for up to 12 months (depending on use) without worrying about reordering supplies.	G1131A Options: #101 s-lens mandatory option #202 Platinum sampling cone #303 Platinum skimmer cone #402 Oil for the roughing pump
Configurable supplies kit for 7800 ICP-MS	Provides all the supplies required to keep a standard 7800 ICP-MS instrument running for up to 12 months (depending on use) without worrying about reordering supplies.	M5141A Options: #100 Nickel sampling cone #200 Nickel skimmer cone #301 Oil for the roughing pump #402 Sample introduction components
Configurable supplies kit for 7850 ICP-MS	Provides all the supplies required to keep a standard 7850 ICP-MS instrument running for up to 12 months (depending on use) without worrying about reordering supplies.	M5141A Options: #100 Nickel sampling cone #200 Nickel skimmer cone #301 Oil for the roughing pump #403 Sample introduction components
Configurable supplies kit for 8900 ICP-MS with x-lens	Provides all the supplies required to keep a standard 8900 ICP-MS instrument with x-lens running for up to 12 months (depending on use) without worrying about reordering supplies.	G1091A Options: #100 Nickel sampling cone #200 Nickel skimmer cone #300 x-lens mandatory option #401 Octopole for x-lens option
Configurable supplies kit for 8900 ICP-MS with s-lens	Provides all the supplies required to keep a semiconductor 8900 ICP-MS instrument with s-lens running for up to 12 months (depending on use) without worrying about reordering supplies.	G1091A Options: #102 Platinum sampling cone #204 Platinum skimmer cone #301 s-lens mandatory option #400 Octopole for s-lens option
Configurable supplies kit for 9500 ICP-MS with u-lens	Provides all the supplies required to keep a standard 9500 ICP-MS instrument with u-lens running for up to 12 months (depending on use) without worrying about reordering supplies.	M5145A Options: #100 Nickel sampling cone #200 Nickel skimmer cone #300 Standard quartz UHMI spray chamber #400 Straight quartz connector tube
Configurable supplies kit for 9500 ICP-MS with u-lens	Provides all the supplies required to keep a standard 9500 ICP-MS instrument with u-lens running for up to 12 months (depending on use) without worrying about reordering supplies.	M5145A Options: #101 Nickel-plated sampling cone #200 Nickel skimmer cone #301 Straight exit port spray chamber #401 Quartz connector tube with gas port

For more information on kit contents and available alternatives, see the [Operating Supplies Kits for Agilent ICP-MS brochure](#).

SPS 4/6 autosampler supplies recommendations (ICP-MS)

Description	Reason to use	Part number
SPS 4 autosampler cover kit, 1/pk	Recommended to fully enclose the autosampler to help reduce sample and standard contamination from dust and drafts.	G8415A #002 G8410-60100
SPS 6 autosampler cover kit, 1/pk	Recommended to fully enclose the autosampler to help reduce sample and standard contamination from dust and drafts.	G8009-68000
PVC flexible ducting 50 mm-id for SPS 4/6 cover kit, 5 m	Ducting required to enable removal of fumes from the autosampler with the cover fitted. Fitted with 56 mm OD cuffs.	5043-0065
SPS 4 probe 0.5 mm id with yellow markers. Inert, FEP sleeved for SPS 4 autosampler, 1/pk	Required to support routine operation of the SPS 4 autosampler.	G8410-80101
SPS 6 probe 0.5 mm id with yellow markers. Inert, FEP sleeved for SPS 6 autosampler, 1/pk	Required to support routine operation of the SPS 6 autosampler.	G8009-64801
Peristaltic pump tubing for supply of rinse solution to the autosampler, PVC Solvaflex, 3-bridged, grey/grey tabs, 12/pk	Required for routine operation as regular replacement of the pump tubing is recommended.	3710049000
Sample rack for 17 mm od tubes, 60 positions	Recommended to provide additional holding and storage capacity.	6610025400
Rack overlay for 60-position sample rack. Allows 13 mm od tubes to be used in 60-position rack	Recommended to provide additional holding and storage capacity.	6610026100
Sample rack for 30 mm od tubes, 21 positions	Recommended to provide additional holding and storage capacity.	6610026600
Sample bottle 250 mL for 5x60 mm std rack, 1/pk	Additional sample bottles, 60 mm-OD narrow neck LDPE for the 5-position standard rack used with ICP-MS. Provides additional standards storage capacity.	5043-0064
Polypropylene sample tubes, 17 mm od, 130 mm height, 1000/pk	Sample tube recommended for the 60-position sample rack.	00000001600L
Centrifuge tubes, screw-capped, 29 mm od, 50 mL polypropylene, 500/pk	Sample tube recommended for the 21-position sample rack.	190065200
Waste container kit	Recommended for waste collection on all Spectroscopy instruments. A 10 L container with S60 Stay Safe cap and charcoal vapor filter to prevent harmful vapors in the lab environment.	5005-0437
Replacement charcoal filter for vapor trapping	Recommended for waste collection container on all Spectroscopy instruments. A replacement charcoal filter to trap acid and solvent vapors with 6-month time strip.	5043-1193
PFA lab bottle, 20 mL with 33mm closure, 31.5 mm od	Additional sample bottles with wide mouth compatible with SPS rack G8410-68001 . PFA material for lower background levels.	G8410-68011
PFA lab bottle, 50 mL with 33mm closure, 38 mm od	Additional sample bottles with wide mouth compatible with SPS rack G8410-68002 . PFA material for lower background levels.	G8410-68012
PFA lab bottle, 100 mL with GL45 closure, 57.5 mm od	Additional sample bottles with wide mouth compatible with SPS rack G8410-68003 . PFA material for lower background levels.	G8410-68013
PFA lab bottle, 200 mL with GL45 closure, 72 mm od	Additional sample bottles with wide mouth compatible with SPS rack G8410-68004 . PFA material for lower background levels.	G8410-68014
PFA lab bottle, 500 mL with GL45 closure, 87 mm od	Additional sample bottles with wide mouth compatible with SPS rack G8410-68005 . PFA material for lower background levels.	G8410-68015
SPS sample rack 21 bottles x 31.5 mm od	Additional sample racks are recommended to provide additional holding and storage capacity. Compatible with PFA bottle G8410-68011 .	G8410-68001
SPS sample rack 10 bottles x 38 mm od	Additional sample racks are recommended to provide additional holding and storage capacity. Compatible with PFA bottle G8410-68012 .	G8410-68002
SPS sample rack 4 bottles x 57.5 mm od	Additional sample racks are recommended to provide additional holding and storage capacity. Compatible with PFA bottle G8410-68013 .	G8410-68003
SPS sample rack 2 bottles x 72 mm od	Additional sample racks are recommended to provide additional holding and storage capacity. Compatible with PFA bottle G8410-68014 .	G8410-68004
SPS sample rack 2 bottles x 87 mm od	Additional sample racks are recommended to provide additional holding and storage capacity. Compatible with PFA bottle G8410-68015 .	G8410-68005

I-AS autosampler supplies recommendations

Description	Reason to use	Part number
Peristaltic pump tubing set for pumping drain/uptake, Tygon with connectors, 5/pk	Spare peristaltic pump tubing set with connectors for rinse pump on the I-AS autosampler.	G3160-65327
Rinse bottle, external, 100 mL, with caps, 6/pk	Rinse station bottles for I-AS autosampler.	G3160-65307
Drain tube to rinse + drain bottles I-AS, 2 pcs	Drain tubing, Tygon, from peristaltic pump to rinse or drain bottle, for I-AS autosampler.	G3160-65328
Rinse solution inlet/outlet tubing, I-AS	Tubing, rinse solution inlet/outlet for I-AS autosampler.	G3160-65320
Waste container kit	Recommended for waste collection on all spectroscopy instruments. A 10 L container with S60 Stay Safe cap and charcoal vapor filter to prevent exposure to solvent vapors.	5005-0437
Replacement charcoal filter for vapor trapping	Recommended for waste collection container on all spectroscopy instruments. A replacement charcoal filter to trap acid and solvent vapors with 6-month time strip.	5043-1193
1.5 mL PFA vial with closure, tray D, 10/pk	Reduce background levels. Recommended for the I-AS autosampler tray D.	G3160-68004
4 mL PFA vial with closure, tray A, E, 5/pk	Reduce background levels. Recommended for the I-AS autosampler tray A or E.	G3160-68005
10 mL PFA vial with closure, tray B,D,E 5/pk	Reduce background levels. Recommended for the I-AS autosampler tray B or D or E.	G3160-68006
20 mL PFA vial with closure, tray G, 5/pk	Reduce background levels. Recommended for the I-AS autosampler tray G.	G3160-68007
80 mL PFA rinse jar with closure, I-AS, 1/pk	PFA rinse station bottles for I-AS autosampler for lower background levels. Can be used with G3160-68009 closure with hole for direct sampling.	G3160-68008
Closure with 15 mm hole for PFA rinse jar	Closure with hole for G3160-68008 80 mL PFA rinse jar for the I-AS autosampler. Enables direct sampling from the I-AS autosampler probe.	G3160-68009

[Learn more](#) about our full range of single- and multi-element inorganic standards for elemental impurity testing, including calibration and tuning mixes for ICP-MS, ICP-OES, MP-AES, AA, and IC.

Consumables for your ICP-MS

To view a complete list of consumables for your ICP-MS, select your instrument model and lens type or configuration below. **An Order Center account is required for access.**

[7800 \(G8421A/N8421A\)](#)

[7850 \(G8422AA/N8422AA\)](#)

[7900 with x-lens \(G8403A/N8403A\)](#)

[7900 with s-lens \(G8403A/N8403A #200\)](#)

[8800 with s-lens \(G3663A #200\)](#)

[8900 with x-lens \(G3665A/N3665A including #100\)](#)

[8900 with s-lens \(G3665AA/N3665AA #200\)](#)

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