

Simplify Your ICP-MS Workflow

Expanded Easy-fit support for the Agilent 9500 ICP-MS



Innovative supplies that maximize your ICP-MS system uptime

Connecting torch gas lines, installing sampler cones with precise torque, and performing routine lens cleaning are critical to maintaining ICP-MS performance. Easy-fit ICP-MS supplies from Agilent are designed to simplify each step—making maintenance fast, reliable, and efficient while helping reduce downtime.



Easy-fit torch

Automatic torch alignment and gas connections

The new torch design and RF generator on the Agilent 9500 ICP-MS eliminate the need for a torch shield plate and bonnet. Simply position the torch and push the lever to automatically align the torch and connect the gas lines, helping reduce user-to-user variability.



Easy-fit sampler cone

Quick setup with a twist-and-lock retaining ring

The sampler cone is secured with a simple quarter-turn twist-and-lock retaining ring, helping eliminate user-to-user variability while preventing loosening or overtightening for more consistent instrument performance.



Easy-fit u-lens

Effortless installation for fast performance recovery

Eliminate the need for routine cleaning, polishing, and ion lens assembly with an Easy-fit u-lens. Its single-piece construction makes installation a snap for anyone in your lab, with no service call needed giving you an easy way to return your ICP-MS to peak performance.

Ordering information

Easy-fit torches for the 9500 ICP-MS for automatic alignment and gas connections

Description	Part number
Easy-fit torch, quartz, with 2.5 mm id injector for aqueous solutions (standard torch) for Agilent 9500 ICP-MS	M5150-67011
Easy-fit torch, quartz, with 1.5 mm id injector for organic solvents for Agilent 9500 ICP-MS	M5150-67012

Easy-fit sampler cone for the 9500 ICP-MS for simple twist and lock installation

Description	Part number
Easy-fit sampler cone, Ni-tip with Cu base (standard cone used with u-lens)	M5150-67000
Easy-fit sampler cone, Ni-tip with Ni-plated base (for sample containing >0.5% HCl or when using UHMI aerosol dilution >25)	M5150-67001
Easy-fit sampler cone, Pt-tip with Cu base (for HF digests or organic solvents)	M5150-67002
Easy-fit sampler cone, Pt-tip with Ni-plated base (for aggressive acid matrix, esp. HCl, HF and HClO ₄)	M5150-67003

Easy-fit u-lens assembly for the 9500 ICP-MS, single piece, ready to install

Description	Part number
Direct replacement of 9500 u-lens. Provided in clean packaging, ready to install. Does not include skimmer base.	M5150-67104

Other innovations designed to make your day even more productive

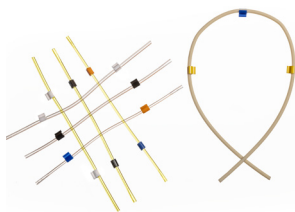
Existing Easy-fit supplies are fully compatible with the Agilent 9500 ICP-MS, helping simplify routine tasks like replacing and trimming peristaltic pump tubing, as well as verifying timing and updating methods after changing the AVS MS or ADS 2 sample loop.



Easy-fit AVS MS & ADS 2 sample loops

Assembled loops with fittings, ready to install

Fixed-volume loops simplify AVS MS and ADS 2 sample injection and rinsing by eliminating manual timing setup. Simply enter the sample loop size in OpenLab ICP-MS and use the Condition Calculator Tool to optimize load, acquisition, and washout timing. The loops also come preassembled to help prevent leaks and kinks from improper assembly.



Easy-fit PVC and Solvaflex tubing

Perfect length, ready to install

Easy-fit peristaltic pump tubing is manufactured to the optimal length, eliminating the need for trimming while minimizing background from leachable metals. Standard PVC tubing is recommended for routine aqueous samples, while PVC Solvaflex tubing is designed for organic solvents.

Ordering information

Easy-fit AVS MS & ADS 2 sample loops for Agilent ICP-MS (7800/7850/7900/8900/9500)

Compatibility	Loop volume	ID	Quantity	Part number
AVS	0.25 mL	1.00 mm	1/pk	5005-0420
ADS/AVS	0.50 mL	1.00 mm	1/pk	5005-0421
ADS/AVS	0.75 mL	1.00 mm	1/pk	5005-0422
ADS/AVS	1.00 mL	1.00 mm	1/pk	5005-0423
ADS/AVS	1.25 mL	1.00 mm	1/pk	5005-0424
ADS/AVS (Standard AVS MS loop)	1.50 mL	1.00 mm	1/pk	5005-0425
ADS/AVS	2.00 mL	1.00 mm	1/pk	5005-0426
ADS/AVS	2.50 mL	1.00 mm	1/pk	5005-0427
ADS/AVS	3.00 mL	1.00 mm	1/pk	5005-0449
AVS	3.50 mL	1.00 mm	1/pk	5005-0450
AVS MS	1.00 mL	2.18 mm	1/pk	5005-0428
AVS MS	1.25 mL	2.18 mm	1/pk	5005-0429
AVS MS	1.50 mL	2.18 mm	1/pk	5005-0430
AVS MS	2.00 mL	2.18 mm	1/pk	5005-0431
AVS MS	2.50 mL	2.18 mm	1/pk	5005-0432
AVS MS	3.00 mL	2.18 mm	1/pk	5005-0433
AVS MS	4.00 mL	2.18 mm	1/pk	5005-0434

Easy-fit peristaltic pump tubing

Description	Matrix	Material	Flared	Stops	Stop Color	ID	Quantity	Part number
Sample uptake, standard tubing for 7700/7800/7850/7900 and 8800/8900/9500	Aqueous solutions	Clear PVC	No	2	White/White	1.02 mm	12 pcs	5005-0020
Online internal standard (ISTD) uptake, standard tubing for 7700/7800/7850/7900 and 8800/8900/9500	Aqueous solutions	Clear PVC	Yes	2	Blue/Orange	0.25 mm	12 pcs	5005-0021
Spray chamber drain, standard tubing for 7700/7800/7850/7900 and 8800/8900/9500	Aqueous solutions	Pharmaprene	No	3	Yellow/Blue/ Yellow	1.52 mm	12 pcs	5005-0022
High-matrix sample and ISTD uptake for online sample dilution 1:1	Aqueous solutions	Clear PVC	Yes	2	Black/Black	0.76 mm	12 pcs	5005-0023
Sample uptake with organic solvent matrix	Organic solvents	Yellow Solvaflex	No	2	White/White	1.02 mm	12 pcs	5005-0025
High-matrix sample and ISTD uptake for online sample dilution 1:1	Organic solvents	Yellow Solvaflex	Yes	2	Black/Black	0.76 mm	12 pcs	5005-0026
Online internal standard (ISTD) uptake with organic solvent matrix	Organic solvents	Yellow Solvaflex	Yes	2	Orange/Blue	0.25 mm	12 pcs	5005-0027
Spray chamber drain for xylene matrix	Xylene matrix	Fluran	No	3	Yellow/Blue	1.52 mm	1 pc	5042-4799
High-purity sample uptake for trace analysis when not using self-aspirating nebulizer	Aqueous solutions	Silicone	No	3	White/White	1.02 mm	6 pcs	G1820-65217

Advance your knowledge with guides, webinars, and maintenance resources from our ICP-MS Resource Hub:

www.agilent.com/chem/icp-ms-resource-hub

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