

Agilent 7500 Series Consumables

<u>Agilent</u>	<u>Meinhard</u>	<u>Description</u>
Nebulizers		
Quartz	SILQ-50-A0.5	Plus Series ultra high purity quartz concentric nebulizer, Type A. 1 L/min and 0.5 mL/min @ 50 psig (3.4 bar), 0.7 mm (0.030") inlet for low internal volume.
Quartz	TQP-50-A0.5	Plus Series quartz concentric nebulizer, Type A. 1 L/min and 0.5 mL/min @ 50 psig (3.4 bar). 0.7 mm (0.030") inlet for low internal volume.
Quartz	TQ-30-A0.5	Type A concentric quartz nebulizer, lapped fl ush nozzle, low background, high sensitivity, nominal uptake 0.5 mL/min, 1 L/min @ 30 psi
Quartz	TQ-30-A1	Type A quartz nebulizer, lapped fl ush nozzle, low background, high sensitivity, nominal uptake 1 mL/min, 1 L/min @ 30 psi
Quartz	TQ-30-A2	Type A quartz nebulizer, lapped fl ush nozzle, low background, high sensitivity, nominal uptake 2 mL/min, 1 L/min @ 30 psi (G1820-65138)
Glass	TRP-50-A0.5	TR+ glass nebulizer, high sensitivity, low internal volume inlet, nominal uptake 0.5 mL/min, 1 L/min @ 50 psi
Glass	TR-30-A0.5	Type A glass nebulizer, lapped fl ush nozzle, general purpose, nominal uptake 0.5mL/min, 1L/min @ 30 psi
Glass	TR-30-A1	Type A glass nebulizer, lapped fl ush nozzle, general purpose, nominal uptake 1mL/min, 1L/min @ 30 psi (G1820-65030)
PFA	ME2040	MicroFlow PFA-ST self-aspirating nebulizer with external ¼-28 threaded connector. Includes one 400µl/min capillary.
Poly-Pro	ME4040	PolyPro-ST self-aspirating nebulizer with external ¼-28 threaded connector. Includes one 400µl/min capillary.
Cleaner	PRL-02	Cleaning tool for all quartz and glass concentric nebulizers

Spray Chamber

G1820-65337	ML190013	Quartz - spray chamber, standard
G1833-65426	ML190041	Connector, quartz for between spray chamber and torch
G1833-65430	MLCG15002	Clamp, 1/pk - used to hold connectors
	ME2122-7500	PFA spray chamber
	ME2122-5351	5mm PFA Spray Chamber with PureCap Endcap, lines and fittings
G3139-65004	ME-2122-7572	PFA connector for PFA Chamber to ESI Injector
	ME2122-7576	PFA connector for PFA Chamber to Quartz Torch

Pump Tubing -More Material and Sizes available at www.Meinhard.com

G1833-65569	PVCSD-40-3	PVC 3-stop pump tubing, 0.040 (1.016mm) ID, White/White, 12/Pk,
G3280-67047	PVCSD-10-F	PVC 2-stop pump tubing, 0.010 (0.254mm) ID, Orange/Blue, Flared, 12/Pk.
G1833-65570	SanSD-60-3	Santoprene 3-stop pump tubing, 0.060 (1.52 mm) ID, Yellow/Blue, 12/Pk
G3280-67008	PVCSD-075-F	PVC 2-stop pump tubing, 0.0075 (0.1875mm) ID, Orange/Red, Flared, 12/Pk.
G1820-65217	SIL-40-3	Silicone 3-stop pump tubing, 0.040 (1.02mm) ID, White/White, 6/Pk.
G1833-65571	PVCSD-075-3	PVC 3-stop Peristaltic Pump Tubing, 0.19mm ID Orange/Red, Pk of 12
5042-4799	Viton-60-3	Viton 3-stop pump tubing (1.52mm) ID, Yellow/Blue/Yellow, 12/Pk

Torch and Components

G3270-80043	ML190022	Quartz, 2.5mm ID, standard
G1833-65424	ML190011	Quartz, 1.5 mm ID, taper type
G1833-65425	ML190012	Quartz, 1.0 mm ID, taper type
G1833-65421	ML190042	Quartz bonnet/ ring for shield torch
G1833-65432	MC-65432	Copper RF Coil
G1833-65419	MC-65419	Platinum long life shield plate, Agilent 7500/7700/8800
G1833-65419-AG	MC-65419-AG	Silver shield plate, Agilent 7500/7700/8800
G3270-80024	ML190044	Quartz connector tube with dilution port for HMI
G3270-80025	ML190066	Quartz connector tube (straight)
G1833-65430	MLCG15002	Clamp, 1/pk - used to hold connectors

Injectors

Quartz	ME1323-7100	O-ring free injector, 1.0mm
Quartz	ME1323-7150	O-ring free injector, 1.5mm
Quartz	ME1323-7200	O-ring free injector, 2.0mm

Quartz	ME1323-7250	O-ring free injector, 2.5mm
Sapphire	ME1303-7100	O-ring free injector, 1.0mm, HF Resistant
Sapphire	ME1303-7150	O-ring free injector, 1.5mm, HF Resistant
Sapphire	ME1303-7160	O-ring free injector, 1.6mm, HF Resistant
Sapphire	ME1303-7180	O-ring free injector, 1.8mm, HF Resistant
Platinum	ME1313-7150	O-ring free injector, 1.5mm, HF Resistant
Platinum	ME1313-7180	O-ring free injector, 1.8mm, HF Resistant
Platinum	ME1313-7200	O-ring free injector, 2.0mm, HF Resistant
Platinum	ME1313-7250	O-ring free injector, 2.5mm, HF Resistant

Adapters and T-Connectors

G3270-80025	ML190066	Quartz connector rod, straight
G3270-80024	ML190065	Quartz connector rod, dilution

Authentic Interface Cones

Sampling cone

G1820-65238	MC-65238	Nickel sampling cone -
G1820-65239	MC-65239	Platinum sampling cone, 10 mm insert
G1820-65360	MC-65360	Platinum sampling cone, 18 mm insert
G1820-65480	MC-65480	Nickel sampling cone for T-mode

Skimmer cone

G1820-65050	MC-65050	Nickel skimmer cone
G3270-65024	MC-65024	Nickel skimmer cone
G1833-65497	MC-65497	Nickel skimmer cone
G1820-65237	MC-65237	Platinum skimmer cone
G1833-65092	MC-65092	Platinum skimmer cone
G1833-65132	MC-65132	Platinum skimmer cone
G3270-60106	MC-60106	Platinum skimmer cone, Nickel base
G1820-65481	MC-65481	Nickel skimmer cone for T-mode

Multiplier

G1833-65420	MC-AF222	Electron Multiplier, ETP
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Kits and Accessories

ME2662-3117-15		PFA Cyclonic Spray Chamber Kit for Agilent 7500 ICPMS. Includes baffled, quartz cyclonic spray chamber, 2.0mm Platinum o-ring-free injector, precision quartz torch, and two PFA-50 nebulizers.
ME9081-7500		Super Pure Kit for Agilent 7500: 8 MicroFlow nebulizers (2 each PFA-20, PFA-50 PFA-100 and PFA ST), 3 PFA spray chambers and PureCap endcaps, 3 o-ring free sapphire injectors, 1 o-ring-free Pt injector, 3 ESI precision quartz torches, Laser Ablation connector line.
ME2160-7500-19	ME2122-0351-I ME2122-7572 ME5010-0350 ME1303-0180 ME1302-7500 ME2002-0002	PFA Inert Sapphire Kit for Agilent 7500 ICPMS, includes: 35mm low condensation PFA spray chamber [10mm PFA tube exit] - QTY 1 Connector for Agilent 7500, PFA, connects ESI PFA spray chamber to ESI injector - QTY 1 PFA Purecap end cap - QTY 1 O-ring-free 1.8mm ID sapphire injector - QTY 1 O-ring-free quartz torch - QTY 1 PFA-100 nebulizer - QTY 2

Pump Oil

6040-00798	MC-00798	Inland 45, 1 gallon roughing pump oil
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