

Agilent Product Manager's Recommendations: Top Supplies to Optimize Your GCMS Workflow

8890 gas chromatograph (GC)/7000D triple quadrupole GC/MS systems with 7693A automatic liquid sampler

Automatic liquid sampler

1. Syringe, 10 μ L tapered, FN 23-26s/42/HP
2. Diffusion caps for 4 mL vials, 12/pk
3. ALS syringe, Blue Line, 10 μ L, fixed needle, 23-26s/42/cone

7000D QQQ MSD

4. Filament, high temperature, EI ion source
5. Column nut, collared, self-tightening, MSD transfer line

Rough pump consumables and tools

6. Tip seal kit, IDP-10
7. AVF 45 platinum, 1 liter



Gas management

8. Carrier gas GasClean filter
9. Big universal trap, helium, 1/8 in, 250 psig

8890 GC non-MSD detector

10. FID jet, universal fit, 0.011 inch ID
11. Column nut, collared, self-tightening, inlet/detector
12. Ferrule, 0.4 mm VG 0.1–0.25 column 10/pk
13. Ferrule, 0.5 mm graphite 0.32 column 10/pk

8890 GC inlet

14. Septa nonstick BTO inlet 11 mm 50/pk
15. Liner O-ring, nonstick 10/pk
16. Inlet liner, Ultra Inert, split, low pressure drop, glass wool, 5/pk
17. Column nut, collared, self-tightening, inlet/detector
18. Ferrule, 0.4 mm VG 0.1–0.25 column 10/pk
19. Ferrule, 0.5 mm graphite 0.32 column 10/pk
20. High efficiency source filaments
21. Inlet seal, gold-plated, with washer
22. Ultra Inert splitless single taper with frit liner

Ref. No.	Part No.	Description	Qty	Benefits	
We've got all the items listed below in an online shopping list— view the MyList¹					
1	5181-1267	Syringe, 10 µL tapered, FN 23-26s/42/HP	1	Cost effective standard syringe	
2	07673-40180	Diffusion caps for 4 mL vials, 12/pk	1	Prevents solvent from evaporating while sitting in autosampler wash vials	
3	G4513-80204	ALS syringe, Blue Line, 10 µL, fixed needle, 23-26s/42/cone	1	High-performance standard syringe	
4	G7005-60061	Filament, high temperature, EI ion source	2	5977, 5975, 7000 MS filament. For non-HES sources (5977A or B - inertplus, inert, extractor, stainless steel, 5975, or 5973)	
5	G3440-81013	Column nut, collared, self-tightening, MSD transfer line	1	Improved flow path connections and ease of use during column installation. Note: These may only be used with graphite/Vespel ferrules	
6	G7004-67026	IDP-10 tip seal kit	1	Includes: Tip seals, tools, cloth, swab, face mask, nylon gloves, filter element, and a manual	
7	5191-5851	AVF 45 platinum, 1 liter	1 L	Oil for rough pump maintenance (for oil pumps only)	
8	CP17973	Carrier gas GasClean filter	1	GC/MS requires clean carrier gas for operation (has indicators)	
9	RMSH-2	Big universal trap, helium, 1/8 in, 250 psig	1	Large capacity filter (doesn't have indicator)	
10	5200-0176	FID jet universal fit, 0.011 inch ID	1	Designed for capillary and packed column compatibility. New design to prevent thread galling and enhance ease of installation	
11, 17	G3440-81011	Column nut, collared, self-tightening, inlet/detector	1	Improves flow path connections as well as ease of use during column installation. Note: These may only be used with graphite/Vespel ferrules	
12, 18	5181-3323	Ferrule, 0.4 mm VG 0.1-0.25 column 10/pk	1	Required to make inlet/detector connections. Other sized ferrules available depending on columns required	
13, 19	5080-8853	Ferrule, 0.5 mm graphite 0.32 column 10/pk	1	Graphite ferrules can be used on FID, ECD, and other non-MSD detectors. They reduce column damage due to over-tightening while maintaining a leak-free seal throughout temperature cycling	
14	5183-4757	Septa nonstick BTO inlet 11 mm 50/PK	1	BTO septa are optimized to reduce septum bleed at a higher range of temperatures; maximum inlet temperature can reach 400 °C	
15	5188-5365	Liner O-ring, nonstick 10/PK	1	Recommended with 100 packs of nontouchless packaged liners	
16	5190-3165	Inlet liner, Ultra Inert, split, low pressure drop, glass wool, 5/PK	1	General use liner: provides high performance for various applications	
20	G7002-60001	High efficiency source filaments	1	Only for 5977B High Efficiency Source HES and 7010B high efficiency source MS systems	
21	5188-5367	Inlet seal, gold-plated, with washer	1	Manufactured using a patented process that eliminates microleaks from negatively impacting performance. Inlet seal required for SSI and MMI injection ports	
22	5190-5112-005	Ultra Inert splitless single taper with frit liner	1	Glass-fritted liners help provide more consistent results and improved reproducibility	

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<https://www.agilent.com/en/promotions/better-gc-connections>

This information is subject to change without notice.