

# Agilent Product Manager's Recommendations: Top Supplies To Optimize Your Intuvo GCMS Workflow

## Intuvo 9000 gas chromatography (GC)/5977B single quadrupole GC/MS systems with 7693A automatic liquid sampler

### Automatic liquid sampler

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

### 5977B single quadrupole MSD

4. Filament, high temperature, EI ion source
5. High efficiency source filaments

### Rough pump consumables and tools

6. AVF 45 platinum
7. IDP3 tip seal maintenance kit




### Gas management

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

### Intuvo 9000 GC

10. Septa non-stick BTO inlet 11 mm, 50/pk
11. Inlet liner, Ultra Inert, split, low pressure drop, glass wool, 5/pk
12. Ultra Inert splitless single taper with frit liner
13. FID jet, universal fit, 0.011 inch id
14. Liner O-ring, non-stick, 10 pk
15. Intuvo polyimide gaskets
16. Intuvo nickel gaskets
17. Intuvo split/splitless inlet guard chip
18. Intuvo split/splitless inlet jumper chip
19. Intuvo compression bolt
20. Screw driver, torque, preset adjustable

Ref. No.	Part No.	Description	Qty	Benefits	
<b>General GC Workflow<sup>1</sup>. We've got all the items listed below in an online shopping list—<a href="#">view the MyList<sup>2</sup></a></b>					
1	<a href="#">5181-1267</a>	Syringe, 10 µL tapered, FN 23–26s/42/HP	1	Cost effective standard syringe	
2	<a href="#">G4513-80204</a>	ALS syringe, Blue Line, 10 µL, fixed needle, 23-26s/42/cone	1	High performance standard syringe	
3	<a href="#">07673-40180</a>	Diffusion caps for 4 mL vials, 12/pk	1	Prevents solvent from evaporating while sitting in autosampler wash vials	
4	<a href="#">G7005-60061</a>	Filament, high temperature, EI ion source	1	5977, 5975, 7000 MS filament. For non HES sources (5977A or B - InertPlus, Inert, Extractor, stainless steel, 5975, or 5973)	
5	<a href="#">G7002-60001</a>	High efficiency source filaments	1	Only for 5977B High Efficiency Source HES and 7010B High efficiency source MS systems	
6	<a href="#">5191-5851</a>	AVF 45 platinum	1 L	Oil for rough pump maintenance (for oil pumps only)	
7	<a href="#">G7077-67018</a>	IDP3 tip seal maintenance kit	1	Includes everything you need to perform maintenance: tip seal, silencer filter element, face mask, lint free cloth, gloves, and hex keys	
8	<a href="#">CP17973</a>	Carrier gas GasClean filter	1	GC/MS requires clean carrier gas for ideal operation (has indicators)	
9	<a href="#">RMSH-2</a>	Big universal trap, helium, 1/8 in, 250 psig	1	Large capacity filter (doesn't have indicator)	
10	<a href="#">5183-4757</a>	Septa non-stick 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	
11	<a href="#">5190-3165</a>	Inlet liner, Ultra Inert, split, low pressure drop, glass wool, 5/pk	1	General use liner: provides high performance for various applications	
12	<a href="#">5190-5112-005</a>	Ultra Inert splitless single taper with frit liner, 5/pk	1	Glass-fritted liners provide more consistent results and improved reproducibility	
13	<a href="#">5200-0176</a>	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	
14	<a href="#">5188-5365</a>	Liner O-ring, non-stick fluorocarbon 10/pk	1	Recommended with 100 packs of nontouchless packaged liners	
<b>Intuvo-specific supplies. We've got all the Intuvo spares listed below in an online shopping list—<a href="#">view the MyList<sup>2</sup></a></b>					
15	<a href="#">5190-9072</a>	Intuvo polyimide gaskets 5/pk	1	Gaskets are required to make connections in Intuvo flow path	
16	<a href="#">5190-9073</a>	Intuvo nickel gaskets 2/pk	2	For use with high temperature applications (e.g. 400 °C)	
17	<a href="#">G4587-60565</a>	Intuvo split/splitless inlet guard chip 2/pk	1	Guard chip for "dirty samples" to help protect the specialized Intuvo columns. The guard chip acts like a combination of the gold seal + guard column to protect the analytical column from dirty samples	
18	<a href="#">G4587-60575</a>	Intuvo split/splitless inlet jumper chip	1	For use with clean samples only	
19	<a href="#">G4581-60260</a>	Intuvo compression bolt	4	Recommended to have extras on-hand in case the ones installed are dropped/lost	
20	<a href="#">8710-2790</a>	Screw driver, torque, preset adjustable	1	Designed for specific use with the Intuvo compression bolts	

<sup>1</sup> Intuvo 9000 and 8890/8860 GCs have equivalent inlet and FID detector designs. Liners, septa, FID jets, and syringes listed for GC or GC/MS analysis can be used for Intuvo 9000 GC.

<sup>2</sup> When using the Agilent Online Store for the first time, please enter your email address for account verification. If you don't have an Agilent account, please register for one ([www.agilent.com/en/promotions/onlinestore-videos](http://www.agilent.com/en/promotions/onlinestore-videos)). The "MyList" feature is valid only in countries that are e-commerce enabled. Items can also be ordered through your regular sales and distributor channels.

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

This information is subject to change without notice.