

GC Supplies

SGE Instrument Supplies

Agilent 5890 and 6890



Autosampler Syringes, Fixed Needle for 7673 and 7683

Cat. No.	Volume	Length	Gauge	OD	Tip	Price
002810	10µL	42	23	0.63	Cone	
002821	10µL	42	23-26	0.63/0.47	Cone	
002822	10µL, 6/pk	42	23-26	0.63/0.47	Cone	

Septa

Cat. No.	Description	Qty.	Price
041882	Auto-Sep T, 11mm	25	



Liners for Split/Splitless Injection

Cat. No.	Description	ID	OD	Length	Qty.	Price
092002	FocusLiner	4.0	6.3	78.5	5	
092003	FocusLiner, tapered	4.0	6.3	78.5	5	
092017	Single Taper Liner	4.0	6.3	78.5	5	
092007	Split, Straight Liner	4.0	6.3	78.5	5	
092222	Split, Straight Liner	4.0	6.3	78.5	25	
0726532	Viton O-Ring				10	

15% Graphite/85% Vespel Ferrules (not for GC/MS)

Cat. No.	Ferrule ID	Column ID	Qty.	Price
073109	0.4mm	.10 - .25	10	
073111	0.5mm	.32	10	
073113	0.8mm	.53	10	

15% Graphite/85% Vespel Ferrules (for GC/MS)

072663	0.4mm	.1-.25	10	
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100% Graphite Ferrules (not for GC/MS)

072635	0.5mm	.1-.32	10	
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14617



103474

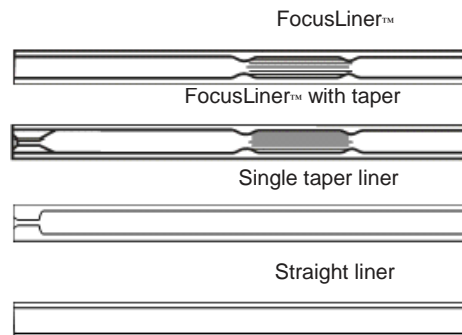
103475

FID Flame Jets

Cat. No.	Description	Price
103474	FID flame jet for Agilent 5890, 61.3mm	
103475	FID flame jet for Agilent 6890, 42.3mm	

Electron Multipliers

Cat. No.	MS Description	Price
14511	5970	
14516	5971/5972	
14616	5973 (multiplier only)	
14617	5973 (first time installation - includes mount)	



Perkin Elmer AutoSystem and Clarus 500

Autosampler Syringes, Fixed Needle

Cat. No.	Volume	Length	Gauge	OD	Tip	Price
001957	5µL	70	23	0.63	Cone	

Septa

Cat. No.	Description	Qty.	Price
041882	Auto-Sep T, 11mm	25	

Liners for Split/Splitless Injection

Cat. No.	Description	ID	OD	Length	Qty.	Price
092092	FocusLiner	4.0	6.2	92	5	
092095	FocusLiner, tapered	4.0	6.2	92	5	

15% Graphite/85% Vespel Ferrules (not for GC/MS)

Cat. No.	Ferrule ID	Column ID	Qty.	Price
072663	0.4mm	.10 - .25	10	
072654	0.5mm	.32	10	
072655	0.8mm	.53	10	

Electron Multipliers

Cat. No.	MS Description	Price
14532	Q-Mass	

Shimadzu

Autosampler Syringes, Removeable Needle for AOC 14, 17, 20

Cat. No.	Volume	Length	Gauge	OD	Tip	Price
002898	10µL	42	23	0.63	Cone	

Septa for 17A, 2010

Cat. No.	Description	Qty.	Price
041890	Shimadzu Plug, Enduro Blue	50	



Liners for Split/Splitless Injection for 17A, 2010

Cat. No.	Description	ID	OD	Length	Qty.	Price
092062	FocusLiner	3.4	5.0	95	5	
092068	FocusLiner, tapered	3.4	5.0	95	5	

100% Graphite Ferrules (not for GC/MS)

Cat. No.	Ferrule ID	Column ID	Qty.	Price
0726080	0.5mm	.10 - .25	10	
0726082	0.8mm	.45 - .53	10	



Electron Multipliers

Cat. No.	MS Description	Price
14533	QP5000	

Thermo Finnigan TRACE GC



Autosampler Syringes, Fixed Needle for AS800 and AS2000

Cat. No.	Volume	Length	Gauge	OD	Tip	Price
001981	5µL	50	23	0.63	Cone	
002980	10µL	50	26	0.47	Cone	
002992	10µL	80	26	0.47	Cone	

Septa

Cat. No.	Description	Qty.	Price
041886	Auto-Sep T, 17mm	25	



Liners for Splitless Injection

Cat. No.	Description	ID	OD	Length	Qty.	Price
092141	Single Taper Liner	3.0	8.0	105	5	

Thermo Finnigan TRACE GC (continued)

SilTite Metal Ferrules

Cat. No.	Ferrule ID	Column ID	Qty.	Price
073450	0.4mm	.10 - .25	10	
073451	0.5mm	.32	10	
073452	0.8	.53	10	

Electron Multipliers

Cat. No.	Description	Price
14139	4000 (PPINICI)	
14138	Bench-top ion pre GC-Q	

Varian



Autosampler Syringes, Removeable Needle for 8200

Cat. No.	Volume	Length	Gauge	OD	Tip	Price
002924	10µL	53	25	0.50	S/Hole	

Septa for 1075, 1077, 1078, 1079, 1093, 1094

Cat. No.	Description	Qty.	Price
041882	Auto-Sep T, 11mm	25	

Septa for 1177

Cat. No.	Description	Qty.	Price
041879	Auto-Sep T, 9mm	25	

Liners for Model 1078/1079 Injector

Cat. No.	Description	ID	OD	Length	Qty.	Price
092037	FocusLiner™	3.4	8.0	105	5	

Liners for Split/Splitless Injection

Cat. No.	Description	ID	OD	Length	Qty.	Price
092017	Single Taper Liner	4.0	6.3	78.5	5	
092019	Single Taper, wool	4.0	6.3	78.5	5	

15% Graphite/85% Vespel Ferrules - for Capillary Columns

Cat. No.	Ferrule ID	Column ID	Qty.	Price
072663	0.4mm	.10 - .25	10	
072654	0.5mm	.32	10	
072655	0.8mm	.53	10	



FID Flame Jets

Cat. No.	Description	Price
103469	FID flame jet for Varian	

Electron Multipliers

Cat. No.	Description	Price
14138	Saturn (Pre-2000)	
14147	Saturn 200, 2100, 2200	

How the ms-NoVent™ Works

The ms-NoVent™ prevents air and water from entering the MS during column change-over. The key to the ms-NoVent is the unique Flow Director Orifice and deactivated fused silica interface tube which are located at the MS interface as part of the ms-NoVent Tee.

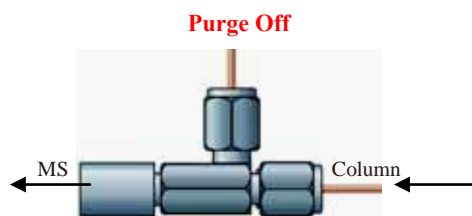
Before the column is removed from the interface, a helium purge is turned on. The fused silica restrictor/interface tube limits the flow of helium into the mass spectrometer. As shown in Figure 1, after the column has been removed from the GC, the Flow Director Orifice prevents air from entering the mass spectrometer. Thus, the flow of helium through the orifice acts as a dynamic seal preventing air being sucked back into the MS.

Normal Operation Mode

In normal operation mode the helium purge is turned off. The column flow is directed through to the MS via the fused silica transfer tube.

(Note: the transfer tube and tee in normal operation are under vacuum through the MS interface vacuum).

Figure 2: Normal Operation Mode



Column Change Mode

In the column change mode a helium purge is applied to the interface tee. The column can then be disconnected without shutting down or “venting” the MS. The existing column or a new column can then be connected and the ms-NoVent switched back to normal mode for standard operation.

(Note: there is no time limit as to how long the MS system can be left in the column change mode, as long as helium is available).

Figure 3: Column Change Mode

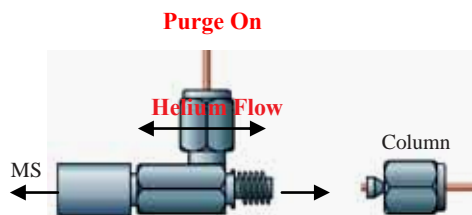
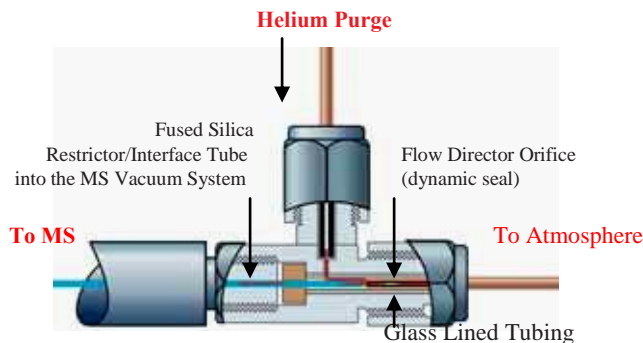


Figure 1: Interface Tee



ms-NoVent™ Ordering Information

Cat. No.	Description	Price
113400*	Standard ms-NoVent™	
113402*	ms-NoVent™ for Agilent 6890	
113401*	ms-NoVent™ for PE TurboMass/Gold	

* Instrument specific restrictor (and adapter if applicable) is not included and must be ordered separately.

Restrictors - No Adapters Required for Installation

Instrument	Mfg Model	Cat. No.	Qty.	Price
Agilent	5970	113405	2	
	5971, 5972	113407	2	
	5973	113409	2	
	GCD	113408	2	
	5988A	113424	2	
Perkin Elmer	5989 Engine	113422	2	
	Turbomass	113435	2	
Shimadzu	MS 5000/5050	113411	2	
	MS 5000/5050	113429	2	

Restrictors - Adapters Required for First Installation

One adapter is included when ordering the catalog numbers below.

Instrument Mfg	Model	Cat. No.	Qty.	Price
Thermo Finnigan	GCQ	113419	2	
	SSQ7000	113426	2	
	Voyager	113433	2	
Varian	Saturn2000	113412	2	
	Saturn1, 2, 3	113414	2	

Replacement Restrictors - Adapters Required

Adapter is NOT included when ordering the catalog numbers below.

Thermo Finnigan	GCQ	113420	2	
	SSQ7000	113427	2	
	Voyager	113434	2	
Varian	Saturn2000	113413	2	
	Saturn1, 2, 3	113416	2	

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