

## Autosampler Syringes

Volume	Needle Gauge (OD mm)	Syringe Code	Syringe Part No.	Pack Size	Spare Needle Part No.	Pack Size	Spare Plunger Part No.	Pack Size
<b>AOC14, AOC17 and AOC20 Fixed Needle</b>								
5µL	26 (0.47)	5F-S-0.47C	001987	1	-	-	-	-
5µL	23 (0.63)	5F-S-0.63C	001988	1	-	-	-	-
250µL Gas Tight	23 (0.63)	250F-S-GT-0.63C	006682	1	-	-	031828	1
<b>Removable Needle</b>								
0.5µL	26 (0.47)	0.5BR-S-0.47C	000440	1	033738	1**	-	-
0.5µL	23 (0.63)	0.5BR-S-0.63C	000445	1	033745	1**	-	-
0.5µL	23-26s (0.63/0.47)	0.5BNR-S-0.63/0.47C	000450	1	033730	1**	-	-
10µL	26 (0.47)	10R-S-0.47C	002897	1	037745	2	-	-
10µL	23 (0.63)	10R-S-0.63C	002898	1	037747	2	-	-
10µL Gas Tight	23 (0.63)	10R-S-GT-0.63C	002902	1	037747	2	031798	2

\*\*Denotes spare Needle and Plunger kit. All needles are 42mm long with a cone point style.

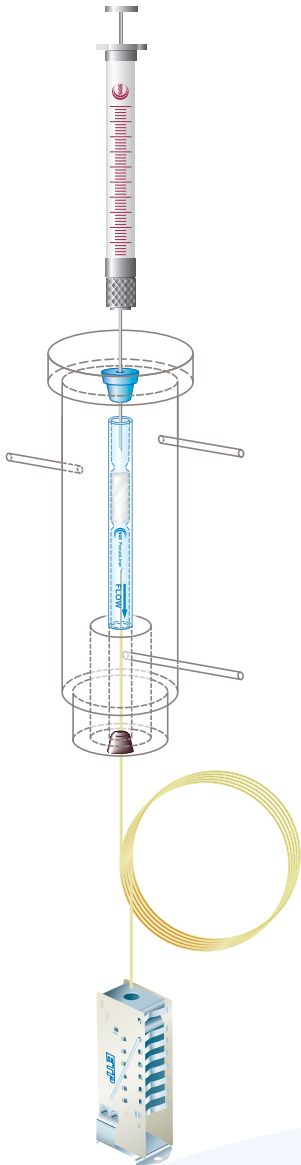
## Septa

Instrument	Septum Type	Pack Size	Part No.
9A, 14, 15A, 16, 17A, 2010 & 2014	Enduro Blue	50	041890

## Ferrules

Column ID	Description	Pack Size	Part No.
<b>GC14A, GC17A, GC2010 and GC2014 Detector / Injectors (Not for MS interfaces or QP2010 Injector)</b>			
0.10-0.32mm ID columns	100% Graphite	10	0726080
0.45-0.53mm ID columns	100% Graphite	10	0726082
5mm OD packed columns	100% Graphite	10	0726001
0.10-0.25mm ID columns	SilTite Metal - Initial Installation	10*	073350
0.10-0.25mm ID columns	SilTite Ferrules	10	073227
0.32mm ID columns	SilTite Metal - Initial Installation	10*	073351
0.32mm ID columns	SilTite Ferrules	10	073228
0.45-0.53mm ID columns	SilTite Metal - Initial Installation	10*	073352
0.53mm ID columns	SilTite Ferrules	10	073229
	SilTite Metal Nuts - Slotted	5	073232
<b>QP5000/5050 Standard MS Interface</b>			
QP5000-I 0.10-0.25mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	0726563
QP5000-I 0.32mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	0726564
QP5000-II & QP5050 0.10-0.25mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	0726561
QP5000-II & QP5051 0.32mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	0726562
0.10-0.25mm ID columns	SilTite Metal - Initial Installation	10*	073204
0.10-0.25mm ID columns	SilTite Ferrules	10	073227
0.32mm ID columns	SilTite Metal - Initial Installation	10*	073205
0.32mm ID columns	SilTite Ferrules	10	073228
0.53mm ID columns	SilTite Metal - Initial Installation	10*	073206
0.53mm ID columns	SilTite Ferrules	10	073229
	SilTite Metal Nuts-QP5000/5050 Standard MS interface	5	073233
<b>QP5000/5050 Wide Bore MS Interface, QP2010 Injector and QP2010 Standard MS Interface</b>			
0.10-0.25mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	072663
0.32mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	072654
0.45-0.53mm ID columns	15% Graphite/ 85% Vespel® Ferrules	10	072655
0.10-0.25mm ID columns	SilTite Metal - Initial Installation	10*	073200
0.10-0.25mm ID columns	SilTite Ferrules	10	073220
0.32mm ID columns	SilTite Metal - Initial Installation	10*	073201
0.32mm ID columns	SilTite Ferrules	10	073221
0.45-0.53mm ID columns	SilTite Metal - Initial Installation	10*	073202
0.45-0.53mm ID columns	SilTite Ferrules	10	073222
	SilTite Metal Nuts	5	073224

\* Includes 10 ferrules, 2 SilTite™ nuts.









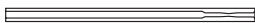












## Ferrules continued

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Material	Pack Size	Part No.
<b>Replacement SilTite™ Nuts</b>		
For 2010 GC-MS System	5	073224
For 2010 GC-MS System with QP5000 series MS	5	073224
For 2010/2014 GC Injectors and atmospheric detectors	5	073224
QP5000 Jet Separator MS Interface	5	073224
QP5000 Direct MS Interface	5	073233
For All Injectors Jet Separator (Starter Kit), except 2010/2014	5	073232

## Inlet Liners

Description	ID (mm)	OD (mm)	Length (mm)	Pack Size	Part No.
<b>17A (SP-17 Injector) &amp; 2014</b>					
Split / Splitless FocusLiner™ 	3.4	5.0	95	5	092062
Split / Splitless Tapered FocusLiner 	3.4	5.0	95	5	092068
Split / Splitless with Recessed Gooseneck & Quartz Wool 	3.4	5.0	95	5	092061
Split, Straight-through Liner 	3.4	5.0	95	5	092064
Split / Splitless with Middle Gooseneck 	3.4	5.0	95	5	092085*
Splitless, Straight-through Liner 	2.6	5.0	95	5	0920861
Direct, for 0.53mm ID Column 	2.6	5.0	95	5	092087
SPME Liner 	0.75	5.0	95	5	092089
<b>14, 15A &amp; 16 (SPL-14 Injector)</b>					
Split / Splitless FocusLiner 	3.4	5.0	99	5	092065
Split / Splitless Tapered Focusliner 	3.4	5.0	99	5	092066
Split / Splitless with 2.0mm Middle Gooseneck 	3.4	5.0	99	5	092082
Split / Splitless with Single Taper 	3.4	5.0	99	5	0920831
Splitless, Direct, Wide Bore for 9A & 16A GCs 	3.4	5.0	139	5	092084
<b>2010 (SPL-2010 Injector)</b>					
Split / Splitless Tapered FocusLiner 	3.4	5.0	95	5	092058
Split / Splitless Focusliner 	3.4	5.0	95	5	092059
Split, Straight-through Liner 	3.4	5.0	95	5	092064
Splitless, Straight-through Liner 	2.6	5.0	95	5	0920861
Split / Splitless with Single Taper 	3.4	5.0	95	5	092071*†
Split / Splitless with Middle Gooseneck 	3.4	5.0	95	5	092077*

**Graphite Sealing Ring** – Can be used at temperatures up to 450°C

For 14, 15A & 16 (SPL-14 Injector)	10	0726001
For 17A (SPL-17 Injector)	10	0726007

**Viton O-Ring** – Can be used at temperatures up to 300°C

For 2010 & 2014 (SPL-2010 Injector & SPL-2014 Injector)	10	0726533
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\* = Also available in *FluoroLiner*: a fluoro deactivation treatment. To order, add "F" at the end of the part number, e.g. 092085F.

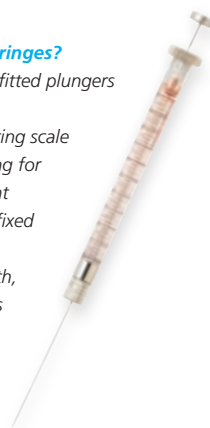
† = Can be used in 2014 injector.

## Electron Multipliers

MS Description	Analyzer Type	Technique	Part No.
QP8000 (Replacement multiplier)	Quadrupole	GC-MS	14625
QP5000	Quadrupole	GC-MS	14533
QP5050A (Initial Installation – includes mount)	Quadrupole	GC-MS	14627
QP5050A (Replacement multiplier)	Quadrupole	GC-MS	14625

### Why choose SGE Syringes?

- Feature individually fitted plungers
- Are leak tested
- Feature a hard wearing scale
- Use a frosted backing for clearer measurement
- Have removable or fixed needle options
- Needle gauge, length, style and tip options



### Why choose SGE Septa?

- Low bleed
- Optimized for instruments and applications
- Wide range to suit your equipment



### Why choose SGE deactivated Liners?

- Liners deactivated using a gas phase deactivation
- Supplied in blister packs to prevent contamination
- FocusLiners™ provide superior reproducibility compared to other liners



### Why Choose SilTite™ Ferrules?

- Never needs re-tightening, even after temperature cycling
- No contamination from Vespel® or graphite materials - 100% metal
- Ferrule remains permanently fixed to the column but does not adhere to the SilTite™ nut
- Ideal for high pressure applications
- Also available for injector interfaces
- >500°C maximum temperature
- Patent Pending

