

Syringes

SGE MicroVolume Syringes

Cone Tip Needle

- Minimized septum coring for GC autosampler use



Bevel Tip Needle

- Ideal for GC analysis with manual injection



Fixed Needle Syringe

- Easy to use
- Economical



Removable Needle Syringe

- Easily replace the needle in case of bending
- Economical



Standard Plunger

- SS plunger individually fitted to its own barrel
- Plunger not replaceable
- Industry standard syringe



Plunger Protection

- Extended protection tube from top of the flange helps prevent plunger bending during injection



Guided Plunger

- Extended barrel guides plunger during injection
- Suitable for technician and student use



SuperfleX™ Flexible Plunger

- Made from Titanium/Nickel
- Indestructible plunger
- Ideal for student use



MicroVolume Syringe, 5µL-10µL

Fixed Needle – Plunger Protection

Cat. No.	Volume	Length*	Gauge	OD	Tip Style
001000	5µL	50	26	0.47	Bevel
001002	5µL	70	26	0.47	Bevel
002000	10µL	50	26	0.47	Bevel
002030	10µL, 6/pk	50	26	0.47	Bevel
002033	10µL, 10/pk	50	26	0.47	Bevel
002003	10µL	70	26	0.47	Bevel
002007	10µL	115	26	0.47	Bevel

Fixed Needle – SuperfleX™ Flexible Plunger

001100	5µL	50	26	0.47	Bevel
001105	5µL	50	26	0.47	Cone
002100	10µL	50	26	0.47	Bevel
002101	10µL	70	26	0.47	Bevel
002105	10µL	50	26	0.47	Cone
002108	10µL	50	23	0.63	Cone

Fixed Needle – Guided Plunger

001400	5µL	50	26	0.47	Bevel
002400	10µL	50	26	0.47	Bevel

Removable Needle – Plunger Protection

001050	5µL	50	26	0.47	Bevel
002050	10µL	50	26	0.47	Bevel
002055	10µL	70	26	0.47	Bevel

Removable Needle – SuperfleX™ Flexible Plunger

001150	5µL	50	26	0.47	Bevel
002150	10µL	50	26	0.47	Bevel

Removable Needle – Guided Plunger

001450	5µL	50	26	0.47	Bevel
001455	5µL	70	26	0.47	Bevel
002450	10µL	50	26	0.47	Bevel

MicroVolume Syringes 25µL-500µL

Fixed Needle – Standard Plunger

Cat. No.	Volume	Length*	Gauge	OD	Tip Style
003000	25µL	50	25	0.5	Bevel
004000	50µL	50	25	0.5	Bevel
005000	100µL	50	25	0.5	Bevel
006000	250µL	50	25	0.5	Bevel
007000	500µL	50	25	0.5	Bevel

Removable Needle – Standard Plunger

003050	25µL	50	25	0.5	Bevel
004050	50µL	50	25	0.5	Bevel
005050	100µL	50	25	0.5	Bevel
005055	100µL	70	25	0.5	Bevel
006050	250µL	50	25	0.5	Bevel
007050	500µL	50	25	0.5	Bevel

*Length specified in mm.

Syringes

SGE MicroVolume and Gas Tight Syringes

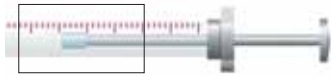
Plunger-in-Needle Syringe

- Plunger extends to needle tip
- Sample is contained only in the needle, ie: no glass contact
- Ideal for dispensing very small liquid volumes, down to 0.1µL



Gas Tight Syringe

- Teflon® tip plunger
- Suitable for both liquid and gas samples
- Plunger replaceable



Repeating Adapter

- For reproducible dispensed volumes, use a syringe repeating adapter, NO MORE guess work lining up the plunger.



Plunger-in-Needle Syringe, 0.5µL-5µL

Plunger-in-Needle – 6.5mm OD Barrel

Cat. No.	Volume	Length*	Gauge	OD	Tip Style
000300	0.5µL	50	23	0.63	Cone
000301	0.5µL	50	23	0.63	Bevel
000303	0.5µL	50	26	0.47	Cone

Plunger-in-Needle – 8.0mm OD Barrel

000310	0.5µL	70	23	0.63	Cone
000311	0.5µL	70	23	0.63	Bevel
000376	0.5µL	70	26	0.47	Cone
000500	1µL	50	23	0.63	Cone
000501	1µL	50	23	0.63	Bevel
000505	1µL	70	23	0.63	Cone
000506	1µL	70	23	0.63	Bevel
000510	1µL	115	23	0.63	Cone
000570	1µL	70	26	0.47	Cone
000800	5µL	50	23	0.63	Cone
000801	5µL	50	23	0.63	Bevel
000802	5µL	70	23	0.63	Cone
000803	5µL	70	23	0.63	Bevel
000804	5µL	115	23	0.63	Cone

Syringe with Repeating Adapter – 6.5mm OD Barrel

000350	0.5µL	50	23	0.63	Cone
000353	0.5µL	50	26	0.47	Cone

Syringe with Repeating Adapter – 8.0mm OD Barrel

000355	0.5µL	70	23	0.63	Cone
000550	1µL	50	23	0.63	Cone
000553	1µL	70	23	0.63	Cone
000850	5µL	50	23	0.63	Cone
000852	5µL	70	23	0.63	Cone

*Length specified in mm.

Gas Tight Syringes, 10µL-100mL

Fixed Needle Syringes

Cat. No.	Volume	Length*	Gauge	OD	Tip Style
002200	10µL	50	26	0.47	Bevel
002208	10µL	70	26	0.47	Bevel
003200	25µL	50	25	0.50	Bevel
004200	50µL	50	25	0.50	Bevel
005200	100µL	50	25	0.50	Bevel
006200	250µL	50	25	0.50	Bevel
007200	500µL	50	25	0.50	Bevel
008102	1mL	50	22	0.72	Bevel
008502	2.5mL	50	22	0.72	Bevel

Removable Needle Syringes

002250	10µL	50	26	0.47	Bevel
003250	25µL	50	25	0.50	Bevel
004250	50µL	50	25	0.50	Bevel
005250	100µL	50	25	0.50	Bevel
006250	250µL	50	25	0.50	Bevel
007250	500µL	50	25	0.50	Bevel
008100	1mL	50	23	0.63	Bevel
008500	2.5mL	50	23	0.63	Bevel
008700	5mL	50	23	0.63	Bevel
008900	10mL	50	23	0.63	Bevel

Fixed Luer Lock Syringes

Cat. No.	Volume
004230	50µL
005230	100µL
006230	250µL
007230	500µL
008025	1mL
008425	2.5mL
008762	5mL
008962	10mL
009463	25mL



Removable Luer Lock Syringes

009660	50mL
009760	100mL

*Length specified in mm.

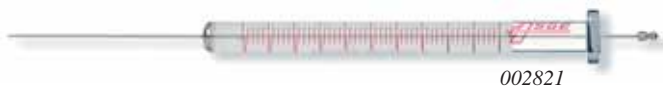


Replacement Needles

Cat. No.	Syringe Volume	Length (mm)	Gauge	Tip Style	Unit
036110	5µL	50	26	Bevel	5
037110	10µL	50	26	Bevel	5
038110	25-500µL	50	25	Bevel	5
038130	25-500µL	70	25	Bevel	5
039110	1-2.5mL	50	23	Bevel	5

Syringes

SGE GC Autosampler Syringes



Agilent Technologies 7673, 7683, 6850

Fixed Needle Syringes

Cat. No.	Volume	Length (mm)	Gauge	OD (mm)	Tip Style
001810	5µL	42	23	0.63	Cone
001814	5µL, 6/pk	42	23	0.63	Cone
002810	10µL	42	23	0.63	Cone
002814	10µL, 6/pk	42	23	0.63	Cone
002804	10µL, 6/pk	42	26	0.47	Cone
002821	10µL	42	23-26s	0.63/0.47	Cone
002822	10µL, 6/pk	42	23-26s	0.63/0.47	Cone

Removable Needle Syringes

000410	0.5µL ^(M)	42	23	0.63	Cone
002815	10µL ^(M)	42	23	0.63	Cone
004665	50µL	42	23	0.63	Cone

Replacement Needles

033715	0.5µL, ^(M) 1/pk*	42	23	0.63	Cone
037717	10µL, ^(M) 2/pk	42	23	0.63	Cone
038717	50µL, 2/pk	42	23	0.63	Cone

(M) Suitable for use with the Merlin Microseal™ Injector

* Denotes Spare Needle and Plunger Kit



Perkin Elmer AutoSystem, Clarus 500

Fixed Needle Syringes

Cat. No.	Volume	Length (mm)	Gauge	OD (mm)	Tip Style
001957	5µL gas tight	70	23	0.63	Cone
001953	5µL	70	26	0.47	Cone
001955	5µL gas tight	70	26	0.47	Cone
004670	50µL	70	23	0.63	Cone



Shimadzu AOC14, AOC17, AOC20

Removable Needle Syringes

Cat. No.	Volume	Length (mm)	Gauge	OD (mm)	Tip Style
002898	10µL	42	23	0.63	Cone
002902	10µL gas tight	42	23	0.63	Cone
002897	10µL	42	26	0.47	Cone

Replacement Needles

037747	10µL, 2/pk	42	23	0.63	Cone
037745	10µL, 1/pk	42	26	0.47	Cone



CTC/Leap/Thermo Finnigan

Fixed Needle Syringes

Cat. No.	Volume	Length (mm)	Gauge	OD (mm)	Tip Style
002981	10µL	50	23	0.63	Cone
002980	10µL	50	26	0.47	Cone
002986	10µL, 6/pk	50	26	0.47	Cone
002987	10µL gas tight	50	23	0.63	Cone
002985	10µL gas tight	50	26	0.47	Cone
002992	10µL	80	26	0.47	Cone



Varian 8035, 8100, 8200

Fixed Needle Syringe

Cat. No.	Volume	Length (mm)	Gauge	OD (mm)	Tip Style
002923	10µL gas tight	53	25	0.5	S/Hole

Removable Needle Syringe

002924	10µL gas tight	53	25	0.5	S/Hole
--------	----------------	----	----	-----	--------

Replacement Needle for 002924

037777	10µL, 1/pk	53	25	0.5	S/Hole
037776	10µL, 2/pk	53	25	0.5	Bevel

Side Hole Needle

- Recommended for large volume GC injection



Syringes

SGE LC Autosampler and Manual Syringes



Agilent Technologies 1090, 1100

Cat. No.	Description
003670	25µL gas tight
006670	250µL gas tight



Perkin-Elmer

Cat. No.	Description
004995	50µL gas tight, 1/4-28 UNF screw thread
005990	100µL gas tight, 1/4-28 UNF screw thread
006995	250µL gas tight, 1/4-28 UNF screw thread
007995	500µL gas tight, 1/4-28 UNF screw thread
008185	1mL gas tight, 1/4-28 UNF screw thread
008687	2.5mL gas tight, 1/4-28 UNF screw thread



Thermo Finnigan, AS3000, AS1000

Cat. No.	Description
006660	250µL gas tight, 1/4-28 UNF screw thread
007680	500µL gas tight, 1/4-28 UNF screw thread
008180	1mL gas tight, 1/4-28 UNF screw thread
008660	2.5mL gas tight, 1/4-28 UNF screw thread
008780	5mL gas tight, 1/4-28 UNF screw thread



Waters/WISP/Alliance

Cat. No.	Description
003990	25µL, 1/4-28 UNF screw thread
006690	250µL, 1/4-28 UNF screw thread

Syringe Rack



Cat. No.	Description
031775	Holds 4 syringes



Manual LC Injection Syringes – Altex, Rheodyne, SSI, Valco Valves

Fixed Needle

Cat. No.	Volume	Length	Gauge	OD	Tip Style
001301	5µL	2"	22	0.028"	LC
002301	10µL	2"	22	0.028"	LC
003300	25µL	2"	22	0.028"	LC
004300	50µL	2"	22	0.028"	LC
005300	100µL	2"	22	0.028"	LC
006300	250µL	2"	22	0.028"	LC
007300	500µL	2"	22	0.028"	LC

Removable Needle GasTight Syringes

002313	10µL	2"	22	0.028"	LC
003312	25µL	2"	22	0.028"	LC
004312	50µL	2"	22	0.028"	LC
005312	100µL	2"	22	0.028"	LC
006312	250µL	2"	22	0.028"	LC
007312	500µL	2"	22	0.028"	LC
008105	1mL	2"	22	0.028"	LC
008505	2.5mL	2"	22	0.028"	LC

Replacement Needles for Removable Needle Syringes

Cat. No.	Description
036250	for 5µL Syringe, 5/pk
037250	for 10µL Syringe, 5/pk
038250	for 25µL-500µL Syringe, 5/pk
039250	for 1mL-2.5mL Syringe, 5/pk



Waters U6K Valves Manual Syringe

Removable Needle – with Repeating Adapter

Cat. No.	Volume	Length (mm)	Gauge	OD (mm)	Tip Style
003375	25µL	50	25	0.50	LC
004375	50µL	50	25	0.50	LC
005375	100µL	50	25	0.50	LC
006375	250µL	50	25	0.50	LC
007375	500µL	50	25	0.50	LC

LC Tip Needle

- Square tip prevents damage to the valve's rotor seal and stator face.

