

Autosampler Syringes for Shimadzu GCs

- Hamilton and SGE syringes are designed and tested to meet critical autosampler performance needs.
- Needle point styles are designed to withstand multiple, rapid injections through a septum.

Hamilton

for Shimadzu AOC 9 GCs

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		Restek	price
					Model	cat.#	cat.#	
5µL	RN	26s	2"/51mm	2	75RN	87930	ea.	24617
5µL	N	26s	2"/51mm	2	75N	87900	ea.	24938
10µL	RN	26s	2"/51mm	2	701RN	80330	ea.	24530

SGE

for Shimadzu AOC 14, 17, 20, and 20i GCs

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		Restek	price
					Model	cat.#	cat.#	
0.5µL	R	23	42mm	Cone	0.5BR-S-0.63	000445	ea.	24841
0.5µL	R	26	42mm	Cone	0.5BR-S-0.47	000440	ea.	24840
5µL	F	23	42mm	Cone	5F-S-0.63	001988	ea.	24843
5µL	F	26	42mm	Cone	5F-S-0.47	001987	ea.	24842
10µL	R	23	42mm	Cone	10R-S-0.63	002898	ea.	24845
10µL*	R	23	42mm	Cone	10R-S-GT-0.63	002902	ea.	24846
10µL	R	26	42mm	Cone	10R-S-0.47	002897	ea.	24844
250µL*	F	23	42mm	Cone	250F-S-GT-0.63	006682	ea.	24847

*Gas-tight syringe.



Replacement Needles for Shimadzu Autosampler Syringes

SGE

Syringe Volume	Needle Gauge	Needle Length	Point Style	SGE cat.#	Restek cat.#	price
0.5µL	23	42mm	Cone	033745	ea.	24747
0.5µL	26	42mm	Cone	033738	ea.	24746
10µL	23	42mm	Cone	037747	2-pk.	24749
10µL	26	42mm	Cone	037745	2-pk.	24748



Syringe Termination Types

From cemented to removable needles and from Teflon® luer-lock to special syringe fittings, syringe barrel terminations create the interface between a syringe and its mating connection. For your reference, we describe the most common Hamilton/SGE terminations below.



N, Cemented Needle / F, Fixed:

Needle cemented into the glass syringe barrel at a point corresponding to the zero graduation mark. Not autoclavable.



KH, Knurled Hub / R, Removable:

Used on 7000 Series Hamilton syringes, exclusively. Knurled hub enables 6,000 psig maximum injection pressures and the attachment of a spacer for repeatable-depth injections. Autoclavable when disassembled.



RN, Removable Needle / R, Removable:

Needle seats precisely to the zero graduation mark of the syringe. Allows the use of different specification needles on the same syringe barrel. Autoclavable when disassembled.



TLL, Teflon® Luer-Lock / LL, Luer Lock / LT, Luer Tip:

Male luer taper with nickel-plated brass hub accepts and locks into place luer hub needles and connectors. Autoclavable when disassembled.



also available

Looking for Restek Genuine Replacement Parts for Shimadzu Instruments?

See pages 249-252.