



20167

24793

Standard Microliter Syringes for Agilent 7673, 7683, and 6850 Autosamplers

- 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

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		Restek cat.#	price
					Model	cat.#		
0.5µL	ASRN	23s	1.71"	Agilent	7000.5	86276	ea.	24895
0.5µL	ASRN	26s	1.71"	Agilent	7000.5	86274	ea.	21221
5µL	ASRN	23s	1.71"	Agilent	75	87957	ea.	20172
5µL	ASN	23s	1.71"	Agilent	75	87987	ea.	20168
5µL	ASN	23s	1.71"	Agilent	75	87990	6-pk.	20170
5µL	ASN	26s	1.71"	Agilent	75	87988	ea.	24592
5µL	ASN	26s	1.71"	Agilent	75	87989	6-pk.	21230
5µL	ASRN	23s-26s	1.71"	Agilent	75	87959	ea.	21223
5µL	ASN	23s-26s	1.71"	Agilent	75	87993	ea.	24593
5µL	ASN	23s-26s	1.71"	Agilent	75	87994	6-pk.	24594
10µL	ASRN	23s	1.71"	Agilent	701	80357	ea.	20171
10µL	ASN	23s	1.71"	Agilent	701	80387	ea.	20167
10µL	ASN	23s	1.71"	Agilent	701	80390	6-pk.	20169
10µL	ASRN	26s	1.71"	Agilent	701	80358	ea.	24597
10µL	ASN	26s	1.71"	Agilent	701	80388	ea.	24595
10µL	ASN	26s	1.71"	Agilent	701	80389	6-pk.	24599
10µL	ASRN	23s-26s	1.71"	Agilent	701	80359	ea.	24598
10µL	ASN	23s-26s	1.71"	Agilent	701	80393	ea.	24596
10µL	ASN	23s-26s	1.71"	Agilent	701	80391	6-pk.	24600

SGE

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		Restek cat.#	price
					Model	cat.#		
0.5µL	R	23	42mm	Cone	0.5BR-HP-0.63	000410	ea.	24791
0.5µL	R	26	42mm	Cone	0.5BR-HP-0.47	000400	ea.	24790
5µL	R	23	42mm	Cone	5R-HP-0.63	001815	ea.	24793
5µL	F	23	42mm	Cone	5F-HP-0.63	001810	ea.	24781
5µL	F	23	42mm	Cone	SK-5F-HP-0.63	001814	6-pk.	24783
5µL	F	26	42mm	Cone	5F-HP-0.47	001800	ea.	24780
5µL	F	26	42mm	Cone	SK-5F-HP-0.47	001804	6-pk.	24782
5µL	R	23-26s	42mm	Cone	5R-HP-0.63/0.47	001825	ea.	21211
5µL	F	23-26s	42mm	Cone	5F-HP-0.63/0.47	001821	ea.	21210
5µL	F	23-26s	42mm	Cone	SK-5F-HP-0.63/0.47	001822	6-pk.	21214
10µL	R	23	42mm	Cone	10R-HP-0.63	002815	ea.	24795
10µL	F	23	42mm	Cone	10F-HP-0.63	002810	ea.	24785
10µL	F	23	42mm	Cone	SK-10F-HP-0.63	002814	6-pk.	24787
10µL	R	26	42mm	Cone	10R-HP-0.47	002805	ea.	24794
10µL	F	26	42mm	Cone	10F-HP-0.47	002800	ea.	24784
10µL	F	26	42mm	Cone	SK-10F-HP-0.47	002804	6-pk.	24786
10µL	R	23-26s	42mm	Cone	10R-HP-0.63/0.47	002825	ea.	21213
10µL	F	23-26s	42mm	Cone	10F-HP-0.63/0.47	002821	ea.	21212
10µL	F	23-26s	42mm	Cone	SK-10F-HP-0.63/0.47	002822	6-pk.	21215

Guide to Needle Termination Codes

Hamilton:

- (N) Cemented Needle
- (RN) Removable Needle
- (ASN) Autosampler Cemented Needle
- (ASRN) Autosampler Removable Needle
- (TLL) Teflon® Luer Lock
- (KH) Knurled Hub
- (LT) Luer Tip
- (LTN) Luer Tip Cemented Needle

SGE:

- (F) Fixed Needle
- (R) Removable Needle
- (LL) Luer Lock
- (LT) Luer Tip



also available

Looking for Restek Genuine Replacement Parts for Agilent Instruments? See pages 216-243.

Gas-Tight Teflon®-Tipped Syringes for Agilent 7673, 7683, and 6850 Autosamplers

HAMILTON

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		Restek		price
					Model	cat.#	qty.	cat.#	
10µL	ASN	23s	1.71"	Agilent	1701	80080	ea.	24894	
10µL	ASRN	23s	1.71"	Agilent	1701	80087	ea.	21224	
10µL	ASRN	26s	1.71"	Agilent	1701	80088	ea.	21228	
10µL	ASRN	23s-26s	1.71"	Agilent	1701	80089	ea.	21229	

SGE

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		Restek		price
					Model	cat.#	qty.	cat.#	
10µL	F	23	42mm	Cone	10F-HP-GT-0.63	002812	ea.	24789	
10µL	R	23	42mm	Cone	10R-HP-GT-0.63	002818	ea.	24797	
10µL	R	23-26	42mm	Cone	10R-HP-GT-0.63/0.47	002829	ea.	21220	

Large Volume Syringes for Agilent 7673, 7683, and 6850 Autosamplers

SGE

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		Restek		price
					Model	cat.#	qty.	cat.#	
25µL	R	23	42mm	Cone	25R-HP-0.63	003665	ea.	24798	
50µL	R	23	42mm	Cone	50R-HP-0.63	004665	ea.	24799	
100µL	R	23	42mm	Cone	100R-HP-0.63	005665	ea.	24800	
250µL	R	23	42mm	Cone	250R-HP-0.63	006665	ea.	24801	



24894

Replacement Needles for Agilent 7673, 7683, and 6850 Autosampler Syringes

HAMILTON

Syringe Volume	Needle Gauge	Needle Length	Point Style	Hamilton		Restek		price
				cat.#	qty.	cat.#	qty.	
5-10µL	23s	1.71"	Agilent	7786-01	6-pk.	20164		
5-10µL	26s	1.71"	Agilent	7786-02	6-pk.	20165		
5-10µL	23s-26s	1.71"	Agilent	7785-01	6-pk.	20166		

SGE

Syringe Volume	Needle Gauge	Needle Length	Point Style	SGE		Restek		price
				cat.#	qty.	cat.#	qty.	
0.5µL	23	42mm	Cone	033715	ea.	24821		
0.5µL	26	42mm	Cone	033708	ea.	24820		
5µL	23	42mm	Cone	036720	2-pk.	24823		
10µL	23	42mm	Cone	037717	2-pk.	24825		
10µL	26	42mm	Cone	037715	2-pk.	24824		
25-250µL	23	42mm	Cone	038717	2-pk.	24826		

Do not reuse TFE washers.

also **available**

Looking for an Agilent Syringe Cross-Reference?

See page 372.





Replacement Plunger Assembly, Teflon®-Tipped for Agilent 7673, 7683, and 6850 Autosampler Syringes
Teflon®-Tipped

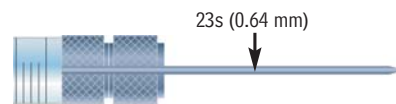
SGE

Syringe Volume	Needle Term.	SGE cat.#	qty.	Restek cat.#	price
10µL	F	031808	2-pk.	21218	
10µL	R	031809	2-pk.	21284	

Needle Gauge for Agilent 7673, 7683, 6850 Syringes

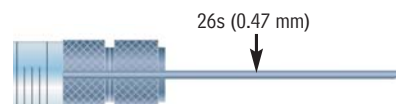
Single Gauge Needle (23s)

- The most popular gauge for Agilent 7673.
- Best for Merlin Microseal septum and standard septum-equipped GCs.
- Packed column injection ports.
- Split/splitless injection ports.



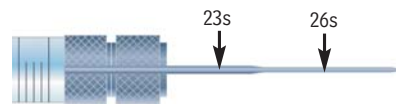
Single Gauge Needle (26s)

- On-column injection ports.
- Split/splitless injection ports.



23s-26s—Dual Gauge (tapered)

- Durability of a 23s gauge needle.
- Ability of a 26s gauge needle to perform split/splitless and on-column injections.



Cross-reference

For Agilent Syringes

Listed below are some Hamilton and SGE syringes, cross-referenced to Agilent part numbers for your convenience. For further information or questions, contact your Restek sales representative or technical service.

Similar to Agilent Part #	Restek Part #	Description	Page
5181-1267	21212, 24596	10µL Standard Syringe, Fixed Needle, 23-26 Gauge	370
5181-1273	21210, 24593	5µL Standard Syringe, Fixed Needle, 23-26 Gauge	370
5181-3319	20166	Needle for 10µL Standard Syringe, 23-26 Gauge	371
5181-3321	21213, 24598	10µL Standard Syringe, Removable Needle, 23-26 Gauge	370
5181-3356	21218	Replacement Teflon-Tipped Plunger for 10µL Fixed Needle Syringe	372
5181-3358	24919	Teflon-Tipped Plunger for 10µL Standard Syringe, Removable Needle	382
5181-3360	21215, 24600	10µL Standard Syringe, Fixed Needle, 23-26 Gauge (6-pk.)	370
5181-3365	21218	Teflon-Tipped Plunger for 10µL Standard Syringe, Fixed Needle	372
5181-8809	24894, 24789	10µL Gas-tight Syringe, Fixed Needle, 23 Gauge	371
5181-8811	20164, 24825	Needle for 10µL Gas-tight Syringe, 23 Gauge	371
5181-8813	21224, 24797	10µL Gas-tight Syringe, Removable Needle, 23 Gauge	371
5182-0830	24821	Needle for 0.5µL Standard Syringe, 23 Gauge	371
5182-0832	20166	Needle for 5-10µL Autosampler Syringe, 23-26 Gauge	371
5182-0834	20172, 24793	5µL Standard Syringe, Removable Needle, 23 Gauge	370
5182-0835	21223, 21211	5µL Standard Syringe, Removable Needle, 23-26 Gauge	370
5182-0875	20170, 24783	5µL Standard Syringe, Fixed Needle, 23 Gauge (6-pk.)	370
9301-0713	20167, 24785	10µL Standard Syringe, Fixed Needle, 23 Gauge	370
9301-0714	24595, 24784	10µL Standard Syringe, Fixed Needle, 26 Gauge	370
9301-0725	20169, 24787	10µL Standard Syringe, Fixed Needle, 23 Gauge (6-pk.)	370
9301-0891	24592, 24780	5µL Standard Syringe, Fixed Needle, 26 Gauge	370
9301-0892	20168, 24781	5µL Standard Syringe, Fixed Needle, 23 Gauge	370