

**Syringes for Waters U6K Valves**

- Reinforced plungers.
- Removable needles.
- Replaceable plunger/barrel assemblies.
- Barrel stop prevents plunger blowout.



**Hamilton Syringes**

Hamilton 50µL Syringe for Waters U6K Valves

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		Restek
					Model	cat.#	
10µL	RN	25s	1.97"	3	801	84815	ea. 21255
25µL	RN	25s	1.97"	3	802	84816	ea. 21256
50µL	RN	25s	1.97"	3	805	84817	ea. 21257
100µL	RN	25s	1.97"	3	810	84818	ea. 21258
250µL	RN	25s	1.97"	3	825	84819	ea. 21259



**SGE Syringes**

SGE 50µL Syringe for Waters U6K Valves

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		Restek
					Model	cat.#	
25µL	R	25	50mm	3	25R-WLC-RA8	003375	ea. 24873
50µL	R	25	50mm	3	50R-WLC-RA8	004375	ea. 24874
100µL	R	25	50mm	3	100R-WLC-RA8	005375	ea. 24875
250µL	R	25	50mm	3	250R-WLC-RA8	006375	ea. 24876
500µL	R	25	50mm	3	500R-WLC-RA8	007375	ea. 24877

**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

**Replacement Needles for Syringes for Waters U6K Valves**

**Needles for Hamilton Syringes**



Syringe Volume	Needle Gauge	Needle Length	Point Style	Hamilton cat.#	Restek cat.#
10-100µL	25s	1.97"	3	8647-01	6-pk. 21270
250µL-10mL	25s	1.97"	3	8648-01	6-pk. 21271

**Matt Matis**

Northeast States Sales  
Representative  
4+ years of service!

### Gas-Tight Syringes for Rheodyne® & Valco® Valves

- Teflon®-tipped plungers.
- Removable needles.
- Replaceable syringe barrels, plungers, and plunger tips.



Hamilton 10µL Gas-Tight Syringe for  
Rheodyne® and Valco® Valves

### Hamilton Syringes

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		Restek
					Model	cat.#	cat.#
10µL	RN	26s	2"/51mm	3	1701	80065	ea. 21260
25µL	RN	22s	2"/51mm	3	1702	80265	ea. 21261
50µL	RN	22s	2"/51mm	3	1705	80965	ea. 21262
100µL	RN	22s	2"/51mm	3	1710	81065	ea. 21263
250µL	RN	22s	2"/51mm	3	1725	81165	ea. 21264



SGE 50µL Gas-Tight Syringe for Rheodyne® and Valco® Valves

### SGE Syringes

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		Restek
					Model	cat.#	cat.#
10µL	R	22	2"	3	10R-GT-LC	002313	ea. 24866
25µL	R	22	2"	3	25R-GT-LC	003312	ea. 24867
50µL	R	22	2"	3	50R-GT-LC	004312	ea. 24868
100µL	R	22	2"	3	100R-GT-LC	005312	ea. 24869
250µL	R	22	2"	3	250R-GT-LC	006312	ea. 24870
500µL	R	22	2"	3	500R-GT-LC	007312	ea. 24871

### Replacement Needles for Gas-Tight Syringes for Rheodyne® & Valco® Valves



#### Needles for Hamilton Syringes

Syringe Volume	Needle Gauge	Needle Length	Point Style	Hamilton cat.#	qty.	Restek cat.#
5–100µL	22s	2"	3	7770-01	6-pk.	24941
250µL–10mL	22	2"	3	7780-04	6-pk.	24945

#### Needles for SGE Syringes

Syringe Volume	Needle Gauge	Needle Length	Point Style	SGE cat.#	qty.	Restek cat.#
10µL	22	2"	3	037250	5-pk.	24808
25–500µL	22	2"	3	038250	5-pk.	24809

**Economical Microliter Liquid-Type Syringes for Rheodyne® & Valco® Valves**

- Cemented/fixed needles.
- Plungers and barrels are not interchangeable or replaceable.



Hamilton 50µL Microliter Syringe for Rheodyne® and Valco® Valves

**Hamilton Syringes**

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		qty.	Restek cat.#
					Model	cat.#		
10µL	N	22s	2"	3	701	80365	ea.	21250
25µL	N	22s	2"	3	702	80465	ea.	21251
50µL	N	22s	2"	3	705	80565	ea.	21252
100µL	N	22s	2"	3	710	80665	ea.	21253
250µL	N	22s	2"	3	725	80765	ea.	21254



SGE 50µL Microliter Syringe for Rheodyne® and Valco® Valves

**SGE Syringes**

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		qty.	Restek cat.#
					Model	cat.#		
10µL	F	22	2"	3	10F-LC	002301	ea.	24860
25µL	F	22	2"	3	25F-LC	003300	ea.	24861
50µL	F	22	2"	3	50F-LC	004300	ea.	24862
100µL	F	22	2"	3	100F-LC	005300	ea.	24863
250µL	F	22	2"	3	250F-LC	006300	ea.	24864
500µL	F	22	2"	3	500F-LC	007300	ea.	24865

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**Priming Syringes for Waters 6000, 6000A, 501, 510, 590, 610 and 610E HPLC Pumps**

- Designed for maximum safety with metal flange and luer-lock (LL) hub.
- Teflon®-tipped plunger.

**Hamilton Syringe**

Volume	Needle Term.	Hamilton		Pressure Tested to	qty.	Restek cat.#
		Model	cat.#			
10mL	TLL	1010W	81610	700 psig	ea.	21265

**SGE Syringe**

Volume	Needle Term.	SGE		Pressure Tested to	qty.	Restek cat.#
		Model	cat.#			
10mL	LL	10MDR-LL-GT	008960	100 psig	ea.	24759

## Syringes for Agilent 1090 &amp; 1100 LC Autosamplers



25µL, 1/4-32 UNEF Thread

## SGE Syringes

Volume	SGE		qty.	Restek cat.#
	Model	cat.#		
25µL	25D-HP1090-GT	003670	ea.	22290
250µL	250D-HP1090-GT	006670	ea.	22291

## Syringe for Hitachi LC Autosamplers



500µL, M10 X1 Thread

## SGE Syringe

Volume	SGE		qty.	Restek cat.#
	Model	cat.#		
500µL	500C-HITACH1	007660	ea.	22292

## Syringes for PerkinElmer LC Autosamplers



250µL, 1/4-28 UNF Thread

## SGE Syringes

Volume	SGE		qty.	Restek cat.#
	Model	cat.#		
50µL	50D-CX-GT	004995	ea.	22295
100µL	100D-CX-GT	005990	ea.	22296
250µL	250D-CX-GT	006995	ea.	22297
500µL	500D-CX-GT	007995	ea.	22298
1mL	1MD-C-GT	008185	ea.	22299

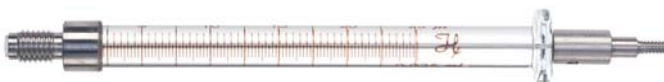
## Syringes for Waters WISP™ LC Autosamplers



250µL, 1/4-28 UNF Thread

## SGE Syringes

Volume	SGE		qty.	Restek cat.#
	Model	cat.#		
25µL	25D-WISP	003990	ea.	22293
250µL	250D-WISP	006690	ea.	22294



## Hamilton Syringes

- Teflon® PTFE-tipped plungers

Volume	Hamilton		qty.	Restek cat.#
	Model	cat.#		
25µL	1702	80020	ea.	24528
250µL	1725	80024	ea.	24529

## Syringes for CTC/LEAP LC Autosamplers



Hamilton 100µL LC Autosampler Syringe

## Hamilton Syringes

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton		qty.	Restek cat.#
					Model	cat.#		
10µL	N	22s	2"/51mm	3	701N	203073	ea.	22743
25µL	N	22s	2"/51mm	3	1702N	203075	ea.	22744
100µL	N	22s	2"/51mm	3	1710N Slim Line*	203077	ea.	22745
100µL	N	22	2"/51mm	3	1710N	203235	ea.	22746
250µL	N	22	2"/51mm	3	1725N	203079	ea.	22747
500µL	N	22	2"/51mm	3	1750N	203349	ea.	22748

\*Barrel OD = 6.7mm; all other 25µL and 100µL syringes have a 7.9mm barrel OD.

also **available**

Replacement plunger assemblies for these syringes are available on request.



SGE 25µL LC Autosampler Syringe

## SGE Syringes

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE		qty.	Restek cat.#
					Model	cat.#		
10µL	F	22s	2"/51mm	LC	10F-CTC-LC	002710	ea.	22737
25µL	F	22s	2"/51mm	LC	25F-C/TLC	003984	ea.	22738
25µL*	R	22s	2"/51mm	LC	25R-C/T-GT-LC	003985	ea.	22739
50µL*	F	22s	2"/51mm	LC	50F-C/T-GT-LC	004810	ea.	22740
100µL*	R	22s	2"/51mm	LC	100R-C/T-GT-LC	005330	ea.	22741
500µL*	F	22s	2"/51mm	LC	500F-CTC-GT-LC(0.41)	007720	ea.	22742

\*Gas-tight syringe.

did you **know**?

Restek sells nitrogen generators from Parker for LC/MS systems. See [page 245](#).



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