



24548

24775

Micro-Volume, Positive Displacement Syringes

- Sample is contained in the needle with full plunger displacement, ensuring no dead volume.
- High precision and accuracy down to 0.1 µL.
- Seal between the plunger and the needle can be tightened for high-pressure injection.
- Replaceable needle/plunger kits and barrels (available on request).

Hamilton

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	Hamilton Model	Hamilton cat.#	Restek qty.	Restek cat.#	price
0.5µL	KH	25	2.75"/70mm	2	7000.5	86259	ea.	24545	
0.5µL	KH	25	2.75"/70mm	3	7000.5	86250	ea.	24546	
1.0µL	KH	22s	2.75"/70mm	2	7101	86211	ea.	24549	
1.0µL	KH	25s	2.75"/70mm	2	7001	80135	ea.	24547	
1.0µL	KH	25s	2.75"/70mm	3	7001	80100	ea.	24548	
2.0µL	KH	25	2.75"/70mm	2	7002	88411	ea.	24551	
5.0µL	KH	24	2.75"/70mm	2	7105	88011	ea.	24555	
5.0µL	KH	24	2.75"/70mm	3	7105	88000	ea.	24556	

SGE

Volume	Needle Term.	Needle Gauge	Needle Length	Point Style	SGE Model	SGE cat.#	Restek qty.	Restek cat.#	price
0.5µL	R	23	70mm	2	0.5BR-7BV	000311	ea.	24771	
0.5µL	R	23	70mm	Cone	0.5BR-7	000310	ea.	24772	
0.5µL	R	26	70mm	Cone	0.5BR-OC-7/0.47*	000376	ea.	24770	
1.0µL	R	23	70mm	2	1BR-7BV	000506	ea.	24775	
1.0µL	R	23	70mm	Cone	1BR-7	000505	ea.	24774	
1.0µL	R	23	50mm	Cone	1BR-5	000500	ea.	24773	
1.0µL	R	26	70mm	Cone	1BR-7/0.47*	000570	ea.	24776	
5.0µL	R	23	70mm	2	5BR-7BV	000803	ea.	24779	
5.0µL	R	23	70mm	Cone	5BR-7	000802	ea.	24778	
5.0µL	R	23	50mm	Cone	5BR-5	000800	ea.	24777	

*70mm needle length, 0.47mm OD, on-column syringe.

Replacement Plunger-in-Needle Kits

- Kits are supplied with both a plunger and a needle.
- Plunger and needle must be replaced together.

SGE

Volume	Needle Gauge	Needle Length	Point Style	SGE Model	SGE cat.#	For Syringe cat.#	Restek qty.	Restek cat.#	price
0.5µL	23	70mm	2	NP0.5B-7BV	033060	24771	kit	24831	
0.5µL	23	70mm	Cone	NP0.5B-7C	033057	24772	kit	24830	
0.5µL	26	70mm	Cone	NP0.5B-OC-7	033630	24770	kit	24832	
1.0µL	23	70mm	2	NP1B-7BV	034060	24775	kit	24835	
1.0µL	23	70mm	Cone	NP1B-7C	034057	24774	kit	24834	
1.0µL	23	50mm	Cone	NP1B-5C	034055	24773	kit	24833	
1.0µL	26	70mm	Cone	NP1B-OC-7/0.47	034610	24776	kit	24836	
5.0µL	23	70mm	2	NP5B-7BV	035058	24779	kit	24839	
5.0µL	23	70mm	Cone	NP5B-7C	035057	24778	kit	24838	
5.0µL	23	50mm	Cone	NP5B-5C	035055	24777	kit	24837	

tech tip

Reinserting Teflon[®]-tipped Plungers

After disassembling and cleaning a syringe with a Teflon[®]-tipped plunger, wet the Teflon[®] plunger tip prior to reinserting it into the barrel. Always avoid touching the plunger—any abrasions, scratches, or oil from fingers could interfere with proper plunger operation.