

D74 SGE Syringes

Microvolume Syringes (plunger-in-needle)

0.5 µl - 5 µl

SGE's plunger-in-needle syringes combine maximum accuracy and reproducibility ($\pm 1\%$) with rugged, durable construction. Because the plunger extends through to the tip of the needle, 100% of the sample is dispensed.

The very fine plunger wire of the 0.5µl and 1µl syringes is uniquely protected by a strong sheath and guide tube. The syringes are liquid and gas tight to 650 atmospheres although a

Repeating Adapter should be fitted to prevent plunger blow out at elevated pressures.

Needle and plunger on microvolume syringes are easily removed for cleaning and replacement.

All needles are provided with cone needle tips. It is recommended that they be used with predrilled septa.

Microvolume Syringes

Part No.	Needle Specifications (mm)				Volume	Price
	Length	OD	Gauge	Tip style		

6.5mm O.D. Barrel

000300	50	0.63	23	Cone	0.5µl	
000301	50	0.63	23	Bevel	0.5µl	
000303	50	0.47	26	Cone	0.5µl	

8mm O.D. Barrel

000310	70	0.63	23	Cone	0.5µl	
000311	70	0.63	23	Bevel	0.5µl	
000376	70	0.47	26	Cone	0.5µl	
000500	50	0.63	23	Cone	1µl	
000501	70	0.63	23	Bevel	1µl	
000505	70	0.63	23	Cone	1µl	
000506	70	0.63	23	Bevel	1µl	
000510	115	0.63	23	Cone	1µl	
000570	70	0.47	26	Cone	1µl	
000800	50	0.63	23	Cone	5µl	
000801	50	0.63	23	Bevel	5µl	
000802	70	0.63	23	Cone	5µl	
000803	70	0.63	23	Bevel	5µl	
000804	115	0.63	23	Cone	5µl	
000805	70	0.63	23	Nozzle	5µl	

6.5mm O.D. Barrel with Repeating Adaptor

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

8mm O.D. Barrel with Repeating Adaptor

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

Replacement Kits for Plunger-in-Needle Syringes

Part No.	Needle Specifications (mm)				Volume	Price
	Length	OD	Gauge	Tip style		

6.5mm O.D. Barrel

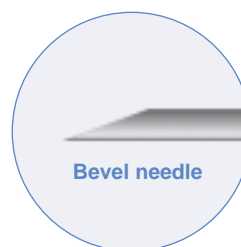
033010	50	0.63	23	Cone	0.5µl	
033011	50	0.63	23	Bevel	0.5µl	
033012	50	0.47	26	Cone	0.5µl	

8mm O.D. Barrel

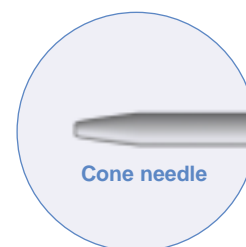
033057	70	0.63	23	Cone	0.5µl	
033060	70	0.63	23	Bevel	0.5µl	
033630	70	0.47	26	Cone	0.5µl	
034055	50	0.63	23	Cone	1µl	
034056	50	0.63	23	Bevel	1µl	
034057	70	0.63	23	Cone	1µl	
034059	115	0.63	23	Cone	1µl	
034060	70	0.63	23	Bevel	1µl	
034610	70	0.47	26	Cone	1µl	
035055	50	0.63	23	Cone	5µl	
035056	50	0.63	23	Bevel	5µl	
035057	70	0.63	23	Cone	5µl	
035058	70	0.63	23	Bevel	5µl	
035059	115	0.63	23	Cone	5µl	



Plunger-in-Needle



Bevel needle



Cone needle

Selection by Syringe Part Number

Syringe Part No.	Replacement Part No.
000300	033010
000301	033011
000303	033012
000310	033057
000311	033060
000350	033010
000353	033012
000355	033057

Syringe Part No.	Replacement Part No.
000376	033630
000500	034055
000501	034056
000505	034057
000506	034060
000510	034059
000550	034055
000553	034057

Syringe Part No.	Replacement Part No.
000570	034610
000800	034720
000801	035056
000802	035057
000803	035058
000804	035059
000850	035055
000852	035057

More SGE Syringes are available on our website - www.sisweb.com