

## Syringes | For PSD/3 and PSD/4 Pumps

### The Choice for Dispenser and Pump Syringes

SGE Dispenser and Pump Syringes incorporate Diamond Technology, taking advantage of new and innovative technologies and bringing those benefits to your laboratory.

For over 50 years, SGE syringes have been designed and manufactured for a variety of instruments and customer applications.

At the heart of your pump or dispenser, and combined with the rest of the system components, syringes must provide the superior performance you demand and rely upon.

Designed and optimized with outstanding quality and precise fit, SGE syringes provide greater reliability for applications run on your systems.

#### Features and Benefits

- Improved accuracy and precision.
- Robust and durable for longer life, less maintenance downtime and reduced maintenance costs.
- Do not contaminate the aspirated fluid.
- Designed to perfectly fit your instrument making them easy to use and install.
- Broad functional temperature range and high chemical resistance.
- Reduced downtime due to leakage.
- Inert flow path. Only high quality borosilicate glass and premium PTFE contact aspirated fluid.

#### Recommended Applications

For use with PSD/3 and PSD/4 pumps.



#### Product Specifications

- 30 mm stroke.
- Luer Lock connection.
- 12.5  $\mu$ L to 12.5 mL capacities.
- Operating temperature range (10  $^{\circ}$ C to 40  $^{\circ}$ C)

Volume	Front Fitting Diameter (mm)	Plunger Button Diameter (mm)	Orifice (mm)
12.5 $\mu$ L	9.7	12.6	0.52
25 $\mu$ L	9.7	12.6	0.6
50 $\mu$ L	9.7	12.6	0.6
125 $\mu$ L	9.7	12.6	1.0
100 $\mu$ L	9.7	12.6	0.6
250 $\mu$ L	9.7	12.6	1.2
500 $\mu$ L	10.1	12.6	1.4
1.25 mL	12.2	12.6	1.8
1 mL	10.8	12.6	1.6
2.5 mL	14.9	14.5	1.8
5 mL	19.8	14.5	1.8
12.5 mL	29	14.5	1.8

For more information about this product visit [www.sge.com](http://www.sge.com) or contact [techsupport@sge.com](mailto:techsupport@sge.com).