

Syringes | Replacement Needles

Wide range of needles available to suit SGE 5 µL, 10 µL, 25-500 µL, 1-2.5 mL, 5-10 mL, luer lock and NanoVolume syringes.

Recommended Applications

Needle Tip Style	Application	Specifications
 Bevel	Manual GC	The standard general purpose needle tip style supplied with many SGE syringes is a 20 ° bevel tip. It is the preferred option for manual injection where piercing the septum in exactly the same place is difficult. The bevel tip is designed for optimum septum penetration and prevention of septum coring. Bevel tip needles are also known as point style 2.
 Cone	GC Autosampler	The cone shaped needle tip is specially developed to withstand multi injection demands and improve septum lifetime when used with an autosampler. The cone design effectively “parts” the septum during piercing instead of cutting it, as would a bevel needle. Cone tip needles are also known as point style AS for autosampler.
 Dual Gauge	On Column Injection - Autosampler	Dual gauge needles have a narrow gauge at the tip suitable for megabore on-column injection. The wider gauge for the remainder of the needle gives increased strength to the needle for autosampler use.
 LC	HPLC	These needles are used for LC and HPLC valve injection and have a 90 ° square tip with rounded and polished edges. This eliminates damage to the valve's rotor seal and stator face. LC/ HPLC tips are also known as point style 3. This needle tip style is a good choice for general liquid dispensing.
 Dome	With Pre-drilled Septa	This style needle is recommended for use with pre-drilled septa. The tip is rounded and polished to help septum penetration.
 Side Hole	LV Injection	Samples are filled and dispensed through the side hole eliminating septum plugging of the needle. Ideal for large volume gas injection. The solid domed tip minimizes septum damage. Side hole/dome tips are also known as point style 5.
 Sheathed/Bevel	Manual GC	This needle tip style is the same as the bevel tip, except a 0.7 mm OD reinforcing sheath is silver soldered over the standard needle to within 10 mm of the tip. The sheath provides exceptional strength to the needle. Sheathed/Bevel needles are also known as point style 4.

Product Specifications

Stainless steel, available in various lengths and OD configurations.

For more information about this product visit www.sge.com or contact techsupport@sge.com.