

Syringes | Diamond

Diamond Syringe Range – Syringe Brilliance

The comprehensive range of SGE syringes are designed and tested to meet critical specifications. The Diamond Syringe Range offers a never before seen level of Durability, Clarity and Accuracy in the laboratory.

No other syringe range provides such brilliance.

Features and Benefits

- Improved solvent resistance.
- Greater temperature ranges.
- Increased operational smoothness.
- Longer syringe life.
- Reduced carry over, adhesive contamination, and sample interaction.
- Each plunger is individually fitted for each micro syringe for perfect sealing.
- Plunger protection on 5 μ L and 10 μ L syringes helps prevent plunger bending during injection.
- Metal back flange with flat sides prevents syringe rolling off benches.
- Bright white backing strip with black scale markings for accurate reading of the syringe scale.
- Metal cap on fixed needle syringes protects the syringe barrel from chipping and breakage.

Recommended Applications

Manual GC and LC sample injection. Liquid dispensing.

Product Specifications

Accuracy and Reproducibility	$\pm 1\%$ (dispensed volume)
Borosilicate Glass Barrel Outer Diameter (OD)	6.5 mm for 5 - 10 μ L, 8 mm for guided plunger syringes and 50 - 500 μ L
Scale Length	54.1 mm for 5 - 10 μ L, 60 mm for 50 - 500 μ L
Volume Range	5 μ L - 500 μ L
International Standards Traceability	

Option of either SuperfleX™ flexible plunger or guided plungers on 5 μ L and 10 μ L syringes. Fixed and removable needle version are available.

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

