

Syringes | Manual syringes

The comprehensive range of SGE syringes are designed and tested to meet critical specifications. The 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 carryover, 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

- 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.

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



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

Specifications are subject to change without notice.

Analytical syringes manufactured by Trajan Scientific and Medical are intended for analytical and laboratory use only and are not intended or approved for use with food, including the production or packaging of food, nor medical or human in-vivo use.