

# Syringes | Syringes with valves

Extraction to injection in a single process

Syringes with valves are ideal for sample storage and transportation, or to pressurize sample prior to injection. The valve allows fluid to be stored in the syringe without contamination.

SGE syringe Luer Tip, Luer Lock and removable needle syringes can be fitted with manually operated valves.

A selection of syringes are available with the valves pre-fitted.

### Features and benefits

- Ready to use, the syringe is pre-fitted with removable needle and valve, or Luer Lock valve.
- Store fluid in the syringe without contamination.
- Luer Lock valves are designed for use with Luer Lock needles and fittings, ideal when fast needle changeover is needed.
- Replacement parts available.

### Recommended applications

- Sample storage and transportation.
- Pressurizing samples prior to injection.

### Product specifications

Syringes pre-fitted with manually operated valves are available in three configurations (replacement parts available):

- Push-pull valve with replaceable needle.
- Push-pull valve with Luer Lock termination.
- Push-button valve with Luer Lock termination.



*Pre-fitted syringe with push-pull valve with replaceable needle*

*Pre-fitted syringe with push-pull valve with Luer Lock termination*

*Pre-fitted syringe with push-button valve with Luer Lock termination*

Accuracy and reproducibility	±1% (dispensed volume)
Borosilicate glass barrel outer diameter (OD)	50 µL to 500 µL = 8 mm 1 mL = 9 mm 2.5 mL = 11 mm 5 mL = 14 mm 10 mL = 18 mm 25 mL = 27 mm 50 mL = 32.8 mm 100 mL = 40.8 mm
Scale length	50 µL to 500 µL = 60 mm 1 mL to 25 mL = 60 mm 50 mL = 84.2 mm 100 mL = 104 mm
Volume range	50 µL to 100 mL
Temperature range	5-120°C
International standards traceability	

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