

#### Introduction

This syringe has been engineered and proven to provide the best possible user experience.

Key benefits of SGE syringes are:

- Longer life
- Superior performance and robustness
- Reduced carryover

In order to maintain optimum performance and long life, a few simple care issues should be considered.

#### Specifications

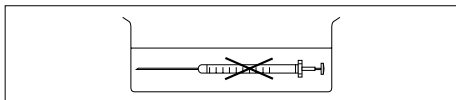
- Temperature: May be used in heater blocks to 150°C.
- Accuracy and reproducibility:  $\pm 1$  % of displaced volume at full scale.

#### Instructions

- Always inspect the syringe before use. Check the barrel for cracks and the needle tip for burrs.
- To ensure accuracy, the smallest injected volume from any syringe should be no less than 10 % of its total capacity.
- Do not expose the syringe to strong acids, bases or highly polar solvents for an extended period of time.
- Do not expose the syringe to sudden changes | in temperature.

#### Clean and care

- Please refer to the instruction manual for your headspace autosampler for cleaning instructions.
- Do not immerse the entire syringe in solvent as this may damage the adhesive used to bond parts of the syringe.



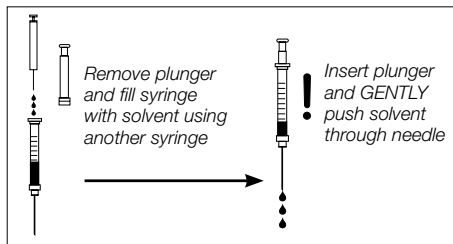
- Clean externally by wiping with a tissue.
- Sterilization modes:
  - Autoclave: Remove plunger from the barrel prior to autoclaving. Set autoclave to a maximum temperature of 100°C for removable needle syringes and 70°C for fixed needle and luer tip syringes. Allow syringes to come to room temperature before inserting the plunger back into the barrel.
  - Gas: Use ethylene oxide.

#### Plunger care

- Replacement plungers are available.

#### Needle care

- Check the needle for burrs prior to use. Use a fine emery board or carborundum to remove burrs.
- To unblock needles, remove the plunger and fill the syringe with solvent using another syringe. Re-insert the plunger and gently push solvent through needle. Never force the plunger. Too much pressure may crack the syringe barrel.



#### Storage

- To protect against breakage store the syringe in its original packaging or on a syringe rack.
- Always thoroughly clean the syringe and ensure that it is dry before storage.

## Warranty

All Trajan Scientific and Medical syringes are warranted to meet the stated quality and performance specifications and to be free of defects in material or workmanship. The warranty implies free replacement of a defective syringe only upon proper written proof of the defect and if requested by Trajan Scientific and Medical the return of the defective product in its original packaging. It does not apply to mishandling of product by the customer, either in storage or use.

- Do not return any syringe that has been used with radioactive, infectious or hazardous materials.
- Do not return any syringe unless requested to do so by an authorized Trajan representative.
- Any syringe being returned must be clearly marked with a return authorization number, which is available from your Trajan representative.

## Conformance statement

Trajan syringes are manufactured under a documented Quality Management System. All in-process measuring equipment and instrumentation is maintained and calibrated in accordance with stringent quality standards. Trajan warrants syringe displacement within the stated conformity specifications.

## Information and support

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.*