

## Syringes | On-column

On-column syringes have small OD long length needles suitable for on-column manual injection into specific instruments (not for autosamplers).

### Features and benefits

- Specifically designed for on-column injection.
- Small needle ODs to fit into the capillary column.
- Long length needles to reach the capillary column.

### Recommended applications

Manual injection of thermally unstable liquid samples directly into capillary column or tubing.

### Product specifications

When selecting an on-column syringe the needle OD must be smaller than the ID of the capillary column with which it is used. Care must also be taken to select the correct needle length to suit the on-column injector.

On-column syringes are available with a 7 cm 0.47 mm OD (26 gauge) needle, or a 7.5 cm length 0.23 mm OD (32 gauge) needle.

Accuracy and reproducibility	±2% (dispensed volume) for 0.5 µL ±1% (dispensed volume) for 10 µL
Borosilicate glass barrel outer diameter (OD)	8 mm for 0.5 µL, 6.5 mm for 10 µL
Scale length	63.7 mm for 0.5 µL 54.1 mm for 10 µL
Volume range	0.05 µL - 10 µL
Temperature range	5-70°C for 0.5 µL 5-120°C for 10 µL
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.*

