



Durability | Accuracy | Clarity

## Syringes for PAL RTC instruments

The right syringe for your PAL RTC autosampler

Achieve the best results from your PAL RTC instrument by using syringes designed and developed in collaboration with the instrument manufacturer.



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## Syringes for PAL RTC instruments

The right syringe for your autosampler.

- Diamond syringe benefits, including longer syringe life, improved solvent resistance, greater temperature range and increased operational smoothness.
- Vibrant color scheme – distinct color-by-volume system for easy identification of installed syringes.
- Comprehensive range:
  - 0.5  $\mu$ L – 10 mL
  - Fixed and removable needle options
  - Metal and PTFE tipped (gas tight) plunger options
  - GC and LC syringes
  - Headspace applications
  - Standard (57 mm), Extended (85 mm) and Headspace (65 mm) needle lengths

Feature	Benefits
Developed in collaboration with the instrument manufacturer	Confidence the syringe specifications perfectly match your instrument's requirements.
Plunger button adjustment	Improved accuracy and precision, lower dead volume.
Metal or replaceable PTFE- tipped (gas tight) plungers	Application specific choice, offering improved chemical compatibility and reduced overall costs (replace PTFE-tipped plunger rather than entire syringe).
Ultra-smooth internal glass barrel surface	Reduces potential for carryover. Improves the cleanability and therefore longevity of the syringe.
Replaceable needle option	Increased application specific flexibility. Reduced overall costs (replace the needle rather than the entire syringe).
Color coded syringes	Syringe is easy to identify, even when installed in an instrument.

## New potential in headspace analysis

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With Diamond Headspace Syringes for PAL RTC Instruments from CTC Analytics, achieve outstanding reproducibility while saving time, and improving workflow.

- Reproducibility - a unique energized plunger tip design ensures a gas tight seal is consistently maintained providing outstanding performance and longevity with temperature cycling.
- Operating temperature – premium performance continues even when temperature cycling up to 150°C.
- Save time and improve workflow – extended equilibration times are not required. Reduced carryover minimizes the time used flushing and washing syringes.



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## The right syringe for your PAL RTC autosampler

To enable selection of the correct syringe for your instrument, a number of resources are available, including a needle selection guide and syringe care guide.



Visit us at [www.trajanscimed.com](http://www.trajanscimed.com) or contact your regional Trajan representative for assistance and further information.

## Trajan Scientific and Medical

### Science that benefits people

Trajan is actively engaged in developing and delivering solutions that have a positive impact on human wellbeing. Our vision revolves around collaborative partnerships that improve workflows, delivering better results.

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