

Syringes | Headspace soil gas tight

SGE headspace soil gas tight syringes are ideal for soil headspace extraction, and sample storage prior to injection.

Pre-fitted with a Luer Lock valve that allows gas to be stored in the syringe without contamination.

The syringe is supplied with a removable Luer probe, which is replaced with a needle during injection in GC.

Features and benefits

- Ready to use gas tight syringe with Luer Lock valve, Luer probe, and needle.
- Efficient sample intake.
- PTFE plunger tip for perfect sealing.
- Store gas 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

- Soil headspace extraction.
- Headspace soil gas analysis.

Product specifications

Headspace soil gas tight syringes are available in 5 mL and 10 mL capacities, pre-fitted with valve, and supplied with a probe and needle (replacement parts available):

- Manually operated ON//OFF push-button valve (SVLL) with Luer Lock termination.
- Special Luer probe with a side hole for efficient sample intake.
- 50 mm 23 gauge bevel tipped needle for Luer Lock (additional needles available separately).

Accuracy and reproducibility	±1% (dispensed volume) for 10 µL
Borosilicate glass barrel outer diameter (OD)	5 mL = 14 mm 10 mL = 18 mm
Scale length	60 mm
Volume range	0.5 mL to 10 mL
Temperature range	5-100°C
International standards traceability	



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.