

# CENTURION

PURGE & TRAP AUTOSAMPLER

The most reliable **VOC**  
**autosampler** on the market today.



## Key Features

- IS 3% RSD
- No vial movement for water samples
- No lost vial, syringe or elevator errors
- Separate processing area for water and soil samples
- Rugged X, Y, Z engineering design

## Methods

502.1	5030
502.2	5035
524.2	8010
524.3	8015
524.4	8020
	8021
601	8030
602	
603	8240
624	8260

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Fiber optic vial sensor eliminates lost vial error

## Water Sample Processing

- Lost vial errors are eliminated when processing water samples by eliminating the need to move the vial to a processing station.
- Sample processing and rinses are over 3 times faster than other systems.
- Various sized sample loops are available, but 5ml is standard.
- All needles and tubing are large diameter to handle particulate laden samples easily.
- Multiple samples can be extracted from a single sample vial.
- Programmable hot water rinsing.
- Optical sensors are used to eliminate mechanical errors.

## Water Prep-Mode

*(Requires syringe option – patented feature)*

- Run all samples as soil samples.
- Eliminate the movement of water through the system and the sparging vessel on the concentrator.
- The sample is never exposed to the atmosphere, maintaining sample integrity and 5035 compliance.
- Save time and money because only one set of standards and curves are required for water and soil samples
- The Centurion uses a separate processing station for soils than waters. Keeping these two pathways apart reduces the risk of plugging and contamination from one matrix to the other.



Samples run in the soil position can be heated and stirred while being purged



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