

CENTURION^{EST}

PURGE AND TRAP AUTOSAMPLER

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



- 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

EPA Methods

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

EST^{EST} *Rely On Us*
analytical 

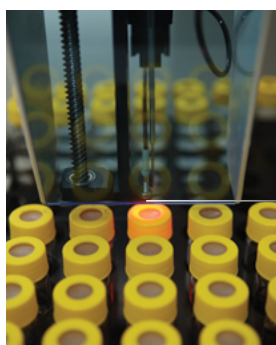
CENTURION[®]

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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.



Optical Sensor

Fiber optic vial sensor eliminates "Lost Vial Error"

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.



— Soil Station

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

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