CENTURION
PURGE AND TRAP AUTOSAMPER

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

<table>
<thead>
<tr>
<th>502.1</th>
<th>524.2</th>
<th>601</th>
<th>624</th>
<th>5035</th>
<th>8010</th>
<th>8240</th>
</tr>
</thead>
<tbody>
<tr>
<td>502.2</td>
<td>524.3</td>
<td>602</td>
<td></td>
<td>5030</td>
<td>8015</td>
<td>8260</td>
</tr>
<tr>
<td></td>
<td>524.4</td>
<td>603</td>
<td></td>
<td></td>
<td>8020</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8021</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8030</td>
<td></td>
</tr>
</tbody>
</table>
**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.