



Solinst

## Solinst Discrete Interval Sampler Model 425

Pine Item #61277

### DESCRIPTION:

Discrete interval sampling is ideal for obtaining truly representative water samples from below floating product layers (LNAPL) and for obtaining samples of the product itself (LNAPL and DNAPL).

This water sampler can be used to profile open bodies of water, open boreholes, and screened wells, and to collect samples from distinct levels or points of inflow.

There is negligible disturbance as can be caused by pumping and purging. Mixing of water from different levels in the well is minimized.

Purging and disposal of purged water can be avoided. Sampling directly from a specific depth results in the collection of water which is most representative of the groundwater outside of the well at that depth.

### FEATURES:

- High-quality samples
- The sample has not been pumped through tubing
- No mixing of water from different levels
- Minimal disturbance of the water
- Easy disassembly for decontamination
- Avoids purging and disposal of purge water
- Easy operation and transportation

### APPLICATIONS:

- Obtaining a representative groundwater sample from below oil/product layers
- Discrete interval sampling in lakes, rivers, and wells
- Chemical profiling of wells
- A sampling at points of inflow to well
- LNAPL and DNAPL sampling



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## Product Specifications

<b>Materials</b>	<ul style="list-style-type: none"><li>• Standard Model 425 Discrete Interval Samplers are constructed of stainless steel with o-rings, and PTFE and polypropylene check balls. The Model 425-D is also constructed with stainless steel and o-rings, and includes a Vyon filter and Delrin plunger on the internal piston.</li><li>• The 1/4" OD tubing most commonly used is low density polyethylene (LDPE), however, PTFE or PTFE-lined polyethylene tubing is also available.</li><li>• Larger size reels, including Power Reels, are available for holding longer lengths of tubing.</li></ul>
<b>Depth Capability</b>	The Standard Model 425 Discrete Interval Samplers can sample to depths of 90 m (300 ft.) below water level, regardless of total depth from surface.



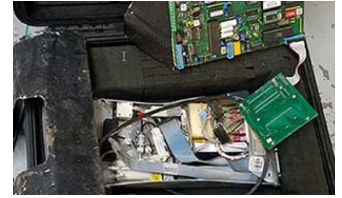
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In-Stock Equipment



Repair & Calibration



Rental Protection Plan