Available in three different deployment configurations - Fixed, Pontoon, and Buoy - YSI Profiler Systems provide reliable, fully-automated data collection.

- **Rugged, non-corrosive mechanical winch and drive mechanism**
- **Compatible with all YSI multiparameter water quality Sondes equipped with depth sensors**
- **Profile Wizard software for easy set-up and deployment**
- **Profile data analysis and export software**
- **User-selectable sample intervals**
- **Optional meteorological package**
- **Several wireless data transmission options available**

### 6950 Fixed Profiling System Features:
- NEMA 4 enclosure for control electronics
- Bottom-referenced control point; physically set and controlled
- Profiles from the bottom up
- Mounts on a dam, pier, or piling

#### Applications Include:
- **Hydropower**: thermal phenomena, temperature
- **Drinking Water**: water quality, homeland security, salinity, DO, pH
- **Research**: upwelling events
- **Industrial**: drinking water holding tanks

### Floating Profiling Systems 6951 Pontoon-Mounted and 6952 Buoy-Based Configurations Feature:
- Submersible, water-tight enclosure for control electronics
- Optional depth sounder which automatically compensates for varying water levels from tides, reservoirs levels, etc.
- Uses top and bottom as reference points for software controlled positioning
- Profiles up and down and parks at any depth
- Redundant error recovery logic detects unexpected activity and recovers automatically

#### Applications Include:
- **Drinking Water Reservoirs**: water quality, homeland security, salinity, DO, pH
- **Research**: upwelling events, open water
- **General Monitoring**: lakes, rivers, estuaries, bays

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Let’s Solve Water
Profiling System Specifications

YSI Profiling Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Profile Depth</td>
<td>1 meter</td>
</tr>
<tr>
<td>Maximum Profile Depth</td>
<td>100 meters</td>
</tr>
<tr>
<td>Depth Profile Setpoint Accuracy</td>
<td>±0.1 meters</td>
</tr>
<tr>
<td>Minimum Profile Step Size</td>
<td>0.5 meter</td>
</tr>
<tr>
<td>Maximum Profile Frequency</td>
<td>-50% of duty cycle</td>
</tr>
<tr>
<td>Standard Payload</td>
<td>YSI multiparameter water quality Sonde with depth</td>
</tr>
<tr>
<td>Power Requirement</td>
<td>12V DC 18 ah min</td>
</tr>
</tbody>
</table>

Normal Conditions

Anoxic upwelling event with a reported fish kill

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