



Vertical Profiling Systems

FOR CONTINUOUS MONITORING

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YSI automated **Vertical Profiling Systems** provide an in-depth view of water quality throughout the entire water column by sampling at different depths. These cost effective solutions keep you one step ahead of monitoring site challenges, by detecting short-term events routinely missed by traditional field sampling programs such as: early identification of algal blooms, diurnal low-oxygen events, and changes in thermocline and pycnocline.

Advantages of a Vertical Profiling System Include:



Real-Time Monitoring. User-selectable sample intervals allow real-time monitoring to be customized to your specific site needs.



Simple Software. Set-up, analyse and export data easily with the user-friendly vertical profiler software.



Rugged Build. Our vertical profiler systems are designed with a rugged, non-corrosive mechanical winch and drive mechanism.



Deliver Data. Send data to a base station computer, while the web-enabled option posts data directly to a public or private web site.

*Several wireless data transmission options available.



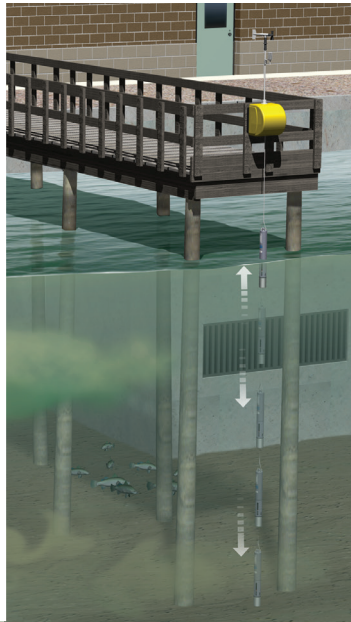
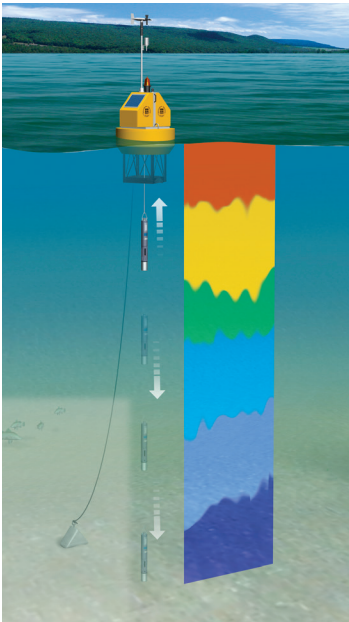
Compatible with all YSI multiparameter water quality Sondes equipped with depth sensors



Profiler Options

Our patented automated vertical water quality profiler can be deployed on a buoy, a towable pontoon platform, or affixed to an existing structure depending on application requirements. An automated monitoring system provides a data set far superior to one generated through spot sampling. Autonomously acquire water quality information at various depths as well as meteorological data 24/7. Real-time access and automated data hosting from your network of sites minimizes trips out to the field, and provides assurance that your sites are collecting quality data.

Applications



Industrial



Hydropower



Drinking Water Reservoirs



General Monitoring



University /Research



YSI applications specialist installing a profiler buoy

Profiler Hosting Software

Hypack **ViPer** software enables you to visualize your environmental sensor data. Choose from 25 sensor variables and view them in profile, gradient, or spreadsheet view.

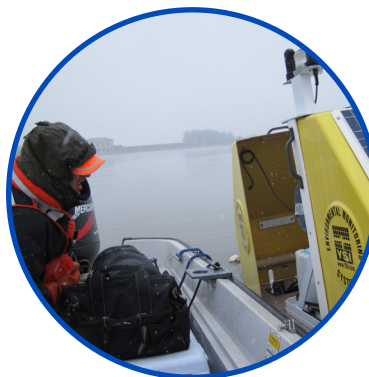


- Show data in single-day or multiple-day displays.
- Real-time updates insure you always view the latest data. No need to manually update data files to display the latest data.
- Send screen captures of your displays, in jpeg or bmp format, to your web page for online viewing by a wider audience.
- Each buoy system stores up to 25 sensor variables to a DAT file, which ViPer queries to generate your displays.

Installation & Maintenance

YSI Systems Specialist are happy to assist you with installation, commissioning, and maintenance of the entire system to ensure proper function and data acquisition/transmission. We offer everything from annual checkouts and data monitoring verification to On-Site Maintenance and Management contracts to keep your data collection network running smoothly.

We know that longer intervals between maintenance and fewer failures equal significant savings in time and money. Every environment is unique. **Talk with our hands-on applications specialists**, who can assist you with your specific monitoring needs.



Additional Options

- **MET Sensor Suite**
- **EXOLINK 2.0**
- **On-Site Services**
- **50m and 100m depth**



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Minding
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