

# Vertical Profiling Systems

SPECIFICATIONS #E129



## High resolution, vertical water column measurement

**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.

With three different deployment configurations available, YSI profiler systems are sure to provide reliable, fully-automated data collection to fit your site needs.

### 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

See reverse for specifications

[YSI.com/vertical-profilers](http://YSI.com/vertical-profilers)



# Profiling System Selection Guide



	6950	6951	6952
<b>Hydropower</b>	✓		
<b>Drinking Water Reservoirs</b>	✓	✓	✓
<b>General Monitoring (lakes, rivers, estuaries, bays)</b>		✓	✓
<b>Research</b>	✓	✓	✓
<b>Industrial</b>	✓		

\*Optional meteorological package available. Ask sales representative for more information.

## Profiler Specifications

Minimum Profile Depth	1 meter
Maximum Profile Depth	100 meters
Profile Depth	0-50 meters standard; 0-100 meters optional
Depth Profile Setpoint Accuracy	±0.1 meters
Minimum Profile Step Size	0.5 meter
Maximum Profile Frequency	-50% of duty cycle
Cable Options	50 meters or 100 meters
Standard Payload	YSI multiparameter water quality Sonde with depth



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Specifications are subject to change. Please visit [YSI.com/vertical-profilers](https://www.ysi.com/vertical-profilers) to verify all specs.  
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