

# PLUG - AND - PLAY SYSTEMS

**Easy to use and install, these YSI application-specific systems and technologies will increase your productivity and reduce the time and labor it takes to monitor your processes.**

## YSI 6500 Environmental Monitoring System

An off-the-shelf system that links with and expands the capability of your current SCADA or ModBus equipment, the compact YSI 6500 provides continuous data to improve the efficiency of your operation.

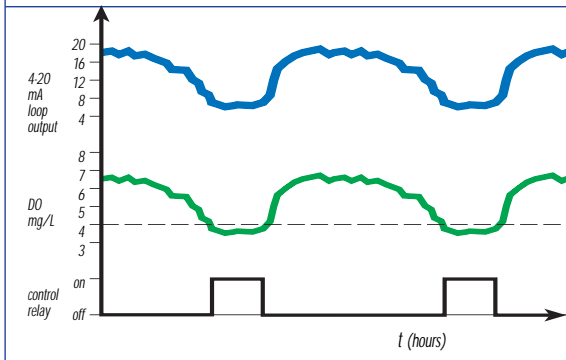
The YSI 6500 will continuously monitor up to 15 parameters with up to eight scalable 4-20 mA current loop channels with settable high and low limits. Parameters include DO, conductivity, temperature, pH, ORP, depth, turbidity, chlorophyll, ammonia, nitrate, chloride, TDS, salinity, resistivity, and open channel flow. It allows you to define setpoints for four parameters and trigger alarms or phone dialers.

Connected to any YSI 6-Series sonde, the YSI 6500 is cost-effective for real-time water quality monitoring, replacing multiple instruments, and reducing steps and time.



## Loop Output Signal

The YSI 6500 lets you control relays and activate alarms and phone dialers. The graph below shows the control relay being activated when the dissolved oxygen drops below 4 mg/L.





### Flow Cells

Flow cells enable you to collect samples from hard-to-reach places and measure water quality parameters with YSI 6-Series sondes. There's a flow cell for every YSI sonde size and application, including our exclusive 50 mL low-flow cell for low-yield wells.

### System 21

System 21 offers YSI accuracy with the added capability for monitoring flow, rainfall, water quality, and sample collection. A YSI sonde connects to an Isco™ 6700 Sampler and 4200 Flow Meter as an integrated water monitoring system for stormwater runoff, non-point source pollution, effluent monitoring, industrial discharge, and research.



### YSI's VoluCalc™

*VoluCalc pump station monitoring software analyzes the performance of both constant speed pumps and data collection system components, including level systems, relays, switches, and alternators. It transforms dataloggers or SCADA software into a powerful flow meter and pump station troubleshooting tool, reducing pump maintenance and replacement costs.*

[ 800 765 - 4974 ]

A typical YSI 6500 installation connects a 6-Series sonde by cable through a YSI junction box to the monitor. The sonde can be located up to 250 feet from the display.

