

# FIELD Environmental Instruments

Equipment Rental and Field Supplies

## YSI 600xl Water Quality Sonde

*"Your Needs Are Our Business"*

Toll-Free  
**800-393-4009**



The YSI 600XL, measures 6 parameters with a sonde that's only 1.6 inches in diameter, which has probes that can be replaced in the field.

This new system can be used for sampling and monitoring down monitoring wells (up to 200ft) or with a flow thru cell. The 600XL easily fits in 2-inch wells.

The YSI 600XL allows measurement combinations of dissolved oxygen, conductivity, temperature, pH, ORP, and depth or vented level. This eliminates the need to carry separate instruments into the field. Salinity and total dissolved oxygen are also available as calculated parameters.

With stirring-independent Rapid-Pulse oxygen sensors, 6-Series systems deliver reliable data. Independent testing confirms that calibration stability can exceed 30 days.

## SPECIFICATIONS

### DISSOLVED OXYGEN % SATURATION

Range: 0 to 500%  
Resolution: 0.1%  
Accuracy: to 200%: +/-2% air sat;  
200 to 500%: +/-6% air sat

### DISSOLVED OXYGEN MG/L

Range: 0 to 50mg/L  
Resolution: 0.01 mg/L  
Accuracy: 0 to 20 mg/L:  
+/-0.2mg/L;  
20 to 50 mg/L: +/-0.6mg/L

### CONDUCTIVITY

Range: 0 to 100mS/cm  
Resolution: 0.001 to 0.1mS/cm  
(range-dependent)  
Accuracy: +/-0.5% of reading + 0.001 mS/cm

### TEMPERATURE

Range: -5 to +45°C  
Resolution: 0.01°C  
Accuracy: +/-0.15°C

### PH

Range: 0 to 14 units  
Resolution: 0.01 unit  
Accuracy: +/-0.2unit

**POWER SOURCE** 12 VDC

### SALINITY

Range: 0 to 70 ppt  
Resolution: 0.01 ppt  
Accuracy: +/-1% of reading or 0.1ppt,  
whichever is greater

### NON-VENTED DEPTH, SHALLOW

Range: 0 to 30 ft (0 to 9 m)  
Resolution: 0.001 ft (0.001 m)  
Accuracy: +/-0.06 ft (+/-0.02 m)

### NON-VENTED DEPTH, MIDDLE

Range: 0 to 200 ft (0 to 61 m)  
Resolution: 0.001 ft (0.001 m)  
Accuracy: +/-0.4 ft (+/-0.12 m)

### VENTED LEVEL

Range: 0 to 30 ft (0 to 9m)  
Resolution: 0.001 ft (0.0003 m)  
Accuracy: 0 to 10 ft (0 to 3m):  
+/- 0.01 ft (0.003 m)  
10 to 30 ft (3 to 9 m)  
+/-0.06 ft (0.01)

### ORP

Range: -999 to + 999  
Resolution: 0.1mV  
Accuracy: +/- 20 mV

### SIZE

1.6" dia; 16" long; 3 lbs

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Visit us soon on the web  
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**Inquiries and  
orders  
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