



## YSI 600LS Level Sonde

### *Precise level measurement*

The YSI 600LS compact sonde measures level, flow, temperature, and conductivity. The 600LS will seamlessly integrate with the YSI 650MDS, laptop, or data collection platform.



*With the 600LS, tide gauge measurements have never been so easy!*

- Sonde fits down 2-inch wells
- Easily connects to data collection platforms such as the YSI 6200 DAS
- Detachable cable lengths
- Compatible with the YSI 650 Multiparameter Display System
- Temperature/conductivity/vented level
- Optional battery compartment for unattended, internal logging

Ideal for use with the YSI 6200 DAS, connecting via SDI-12 for remote and real-time data acquisition applications. Rugged waterproof, the YSI 600LS is perfect for tide gauge monitoring, wetlands level applications, groundwater, estuaries, rivers, and more.

### *Features*

The YSI 600LS is an economical logging system for long-term, in situ monitoring. It logs at programmable intervals and stores 150,000 readings. The 600LS has extreme level accuracy of  $\pm 0.01$  feet (0.003 m) from 0 to 30 foot depths.



Pure  
Data for a  
Healthy  
Planet.®  
*Precise Level Measurement  
in a Compact Sonde*



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## YSI 600LS Sensor Specifications

	Range	Resolution	Accuracy
Conductivity*	0 to 100 mS/cm	0.001 to 0.1 mS/cm (range dependent)	±0.5% of reading + 0.001 mS/cm
Salinity	0 to 70 ppt	0.01 ppt	±1% of reading or 0.1 ppt, whichever is greater
Temperature	-5 to +50°C	0.01°C	±0.15°C
Shallow Vented Level	0 to 30 ft, 9.1 m	0.001 ft, 0.001 m	±0.01 ft, 0.003 m

\* Report outputs of specific conductance (conductivity corrected to 25° C), resistivity, and total dissolved solids are also provided. These values are automatically calculated from conductivity according to algorithms found in *Standard Methods for the Examination of Water and Wastewater* (ed 1989).

## YSI 600LS Sonde Specifications

Medium	Fresh, sea or polluted water	Software	EcoWatch®
Temperature	-5 to +50°C	Dimensions Length (no batteries) Diameter Weight	1.65 in, 4.2 cm 15 in, 38 cm 1.10 lbs, 0.5 kg
Communications	RS-232, SDI-12	Power (optional)	4 AA-size alkaline batteries, or external 12 V DC

## Ordering Information

600LS-10	Temperature, Shallow vented level
600LS-11	Temperature, Shallow vented level, Battery option
600LS-12	Temperature, Conductivity, Shallow vented level
600LS-13	Temperature, Conductivity, Shallow vented level, Battery option
<b>Cables</b>	
6195	10 ft vented detachable cable
6191	25 ft vented detachable cable
6192	50 ft vented detachable cable (Shallow vented level maximum depth is 30 feet.)

## About Conductivity

The YSI 600LS is available with conductivity and without conductivity. In order to achieve the most accurate level measurements, it is highly recommended you use the **600LS-12** or **600LS-13** with conductivity if your application will require deployments in saline environments. Tidal, estuarine, salt water intrusion in ground-water, and freshwater/saltwater mixing zone studies are typical examples where a higher conductivity reading would require the conductivity sensor to achieve the most accurate, reliable level measurements.

As with all YSI products, there are several accessories available, from calibration solution to carrying cases, to keep your equipment protected and operating well. Please visit [www.ysi.com](http://www.ysi.com) or call **800-897-4151** for more information.

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