



YSI Environmental

NEW

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 650 MDS, laptop, or data collection platform.



With the YSI 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 YSI 650 Multiparameter Display System
- Temperature/conductivity/vented level
- Available batteries for unattended, internal logging

Applications

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 ± 0.01 feet (0.003 m) from 0-10 foot depths and ± 0.06 feet (0.01 m) from 10-30 foot depths.

Pure
Data for a
Healthy
Planet.™

**Compatible with
EcoWatch® for Windows®
software for data analysis
and more!**



www.YSI.com



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600LS Sensor Specifications

Conductivity †	Range	0 to 100 mS/cm
	Resolution	0.001 to 0.1 mS/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
Vented level	Range	0 to 30 feet (0 to 9 m)
	Resolution	0.001 feet (0.0003 m)
	Accuracy	0 to 10 feet (0 to 3 m): ±0.01 feet (0.003 m) 10 to 30 feet (3 to 9 m): ±0.06 feet (0.01 m)
Salinity	Range	0 to 70 ppt
	Resolution	0.01 ppt
	Accuracy	±1% of reading or 0.1 ppt, whichever is greater

How To Order (order cable separately)

600LS-10	Temperature, Shallow Vented Level, Bulkhead Connector for Detachable Cables
600LS-11	Temperature, Shallow Vented Level, Bulkhead Connector for Detachable Cable, Batteries for Internal Logging
600LS-12	Temperature, Conductivity, Shallow Vented Level, Bulkhead Connector for Detachable Cables
600LS-13	Temperature, Conductivity, Shallow Vented Level, Bulkhead Connector for Detachable Cables, Batteries for Internal Logging

Cables

6195	10' Vented Detachable Cable
6191	25' Vented Detachable Cable
6192	50' Vented Detachable Cable (Shallow Vented Level Maximum Depth Recommendation is 30')

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 groundwater, 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 or call **800-897-4151** for more information.

† 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).