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Find the *YSI 6920 V2* at our website: ***Click HERE***

multiparameter sondes
for long-term monitoring

YSI's upgraded 6-Series family includes versatile, multiparameter sondes designed for real-time environmental monitoring and extended deployment.

V2 Sondes

All Version 2 (V2) sondes accept our V2 optical sensors and have a rugged design for long-term monitoring. These sensors feature multiple anti-fouling components and long battery life to provide you with value for your budget.

Seven V2 sondes are offered with sensor payloads ranging from 5-9 sensors and multiple memory and power options to accommodate many different applications. In addition to the sensor options, YSI software calculates up to five additional parameters.



Biofouling protection

Integrated wipers, copper-alloy anti-fouling parts, and a nanopolymer solution significantly deter the growth of biological organisms – thus extending your deployments and reducing your operating costs.





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Applications (suggested uses but not limited to)


Source water monitoring


Short-term studies or spot sampling with complete sensor suite


Dredging studies




Integration into buoys or vertical profiling system


Long-term unattended monitoring




Underway sampling with flow cell for horizontal mapping

6600 V2

6600 V2 sonde features the largest sensor payload capability and longest battery life. Choose between 2 and 4 optical ports. The 6600 V2 and **6600EDS V2** are also available with a pH wiping system.



6600 V2-4 with four ports for any combination of these optical sensors: ROX dissolved oxygen, blue-green algae, turbidity, chlorophyll, or rhodamine

6920 V2

6920 V2 sonde is an economical, 15-parameter logging system; battery powered for long-term, in situ monitoring and profiling. Choose between 1 and 2 optical ports.



600OMS V2

600OMS V2 sonde is our smallest V2 sonde, perfect for applications such as turbidity or oxygen monitoring. Accepts 1 optical sensor as well as conductivity, temperature, and depth.



6820 V2

6820 V2 sonde is a cost-effective sampling system with up to 15-parameter reporting capability, ideal for profiling and spot-checking. Choose between 1 and 2 optical ports.



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YSI 6-series quick select guide

Features/Parameters	V2 Sondes					600 Sondes				Drinking Water		System
	6600	6600EDS	6920	6820	600OMS	600R	600XL	600XLM	600LS	6920DW	600DW-B	600QS
Field-replaceable probes	●	●	●	●	●		●	●		●	●	
RS-232 & SDI-12 standard	●	●	●	●	●	●	●	●	●	●	●	●
Fits 2″ wells					●	●	●	●	●		●	●
Internal memory	●	●	●	●	●	●	●	●	●	●	●	●
Internal power (batteries)	●	●	●		■			●	■	●	●	
Flow cell	■	▲	■	■		■	■	■		■	■	■
Ammonium/ammonia*	□		■	■			▲	▲				
Blue green algae	■	■	■	■	■		□	□				
Chloride*	□		■	■			▲	▲				
Chlorophyll	■	■	■	■	■		□	□				
Conductivity	●	●	●	●	●	●	●	●	■	●	●	●
Depth	■	■	■	■	■		■	■				■
Dissolved oxygen	□	■	□	□		■	■	■				■
Dissolved oxygen, optical	■	■	■	■	■		□	□				
Free chlorine										■	■	
Nitrate*	□		■	■			▲	▲				
Open channel flow**	■	■	■	■	■		■	■	●			
ORP	■	■	■	■			■	■		■	■	■
PAR (Photosynthetically Active Radiation)	▲	▲										
pH	■	■	■	■		■	■	■		■	■	■
Resistivity**	●	●	●	●	●	●	●	●	■	●	●	●
Rhodamine	■	■	■	■	■		□	□				
Salinity	●	●	●	●	●	●	●	●	■	●	●	●
Specific conductance**	●	●	●	●	●	●	●	●	■	●	●	●
Temperature	●	●	●	●	●	●	●	●	●	●	●	●
Total dissolved solids**	●	●	●	●	●	●	●	●	■	●	●	●
Turbidity	■	■	■	■	■		□	□		■		
Vented level	■	■	■	■	■		■	■	●			

* Freshwater only. ** Calculated parameters.

● Standard ■ Customer Selectable ▲ Special Order
■ Available only on 6600 V2-2 □ Available only on 6920 V2-1 or 6820 V2-1
□ Available only on 600XL V2 or 600XLM V2

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high accuracy sensors

Sensors

Quality data is the product of quality sensors and we have built our reputation on providing the highest performance, most reliable water quality sensors available. Our engineers give as much attention to sensor performance in the laboratory as they do to performance under the harshest environmental conditions for extended periods. Additionally, all YSI sensors are field replaceable, helping you with maintenance and unexpected situations.

Optical



Our optical sensors, with integrated extended-deployment wipers, offer excellent performance. The copper-alloy anti-fouling versions offer the longest deployment times in the industry—saving you time and money.

Additionally, user-adjustable data filtering capabilities allow optimized response time or detection limits.

ROX® Optical Dissolved Oxygen The most reliable, accurate, and maintenance-free DO sensor available for worry-free oxygen measurement.

Blue-green Algae Fluorescence sensors monitor blue-green algae biomass in freshwater or marine environments in real-time.

Turbidity Superior linearity, 1-, 2-, or 3-point calibration options and excellent agreement with the industry standard benchtop instrument (Hach 2100AN).

Chlorophyll Accurately monitor total algal biomass without interference from turbidity, ambient light, or dissolved organics.

Rhodamine Conduct dye-tracing studies (flow, transport, mixing) with this sensitive fluorescence sensor.

Electrochemical



Rapid Pulse™ Dissolved Oxygen The most advanced polarographic technology available, Rapid Pulse DO is virtually insensitive to flow rate and exhibits large range (0-50mg/L). EPA approved method.

pH/ORP Excellent performance in cold and low ionic waters. Field-replaceable and includes integrated reference electrode. Fast Response sensor and Extended-deployment versions with wipers available.

Ion-selective electrodes

Measure **ammonia, nitrate,** and **chloride**. Designed for short-term monitoring and spot sampling.



Physical



Conductivity Superior linearity and easy one-point calibration.

Temperature Extremely accurate, field-replaceable temperature sensor.

Integrated



Depth & Vented Level Excellent accuracy through calibration to extremely high precision through temperature compensation over the entire operating range.

PAR Integrate the industry-standard LI-COR® PAR (Photosynthetically Active Radiation) sensor for biological studies. Wiped PAR also available.



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YSI Environmental

Pure Data for a Healthy Planet.®

To order or for more information, contact YSI Environmental.

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ISO **14001**
(Yellow Springs facility)

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YSI *incorporated*
Who's Minding the Planet?®

Third-Party Verification You Can Trust

YSI is the only company in its field to apply for and receive verification from the US EPA's Environmental Technology Verification Program. Independent tests on the YSI 6600EDS sonde and six sensors demonstrated the accuracy of YSI sensor technology when compared to established standards in saltwater and freshwater. Find information on performance characteristics of YSI water quality sensors at www.epa.gov/etv.*

The Alliance for Coastal Technologies (ACT) has tested the YSI 6600EDS V2 and 6600 V2 sondes and 3 sensors under real-world conditions. Find evaluation reports at www.act-info.us.

YSI multiparameter sondes have achieved the UK Environment Agency MCERTS certification for continuous water monitoring. Find more information at www.mcerts.net.

*Use of the ETV name or logo does not imply approval or certification of this product nor does it make any explicit or implied warranties or guarantees as to product performance.

Environmental Calculation Report

YSI Inc. saved the following resources by using Utopia U2:XG paper, made with 30% recycled post-consumer waste:

trees	energy	greenhouse gas	water	solid waste
2	1.3 mil BTUs	617.45 lbs CO_2	659 gal	109 lbs

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