



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

# 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.



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.



# 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

# 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.

# Y S I Environmental

Pure Data for a Healthy Planet.®



To order or for more information,  
contact YSI Environmental.

**800 897 4151**  
**www.YSI.com**

YSI Environmental  
1700/1725 Brannum Lane  
Yellow Springs, Ohio 45387  
+1 937 767 7241  
+1 937 767 9353 fax  
environmental@ysi.com

YSI Integrated Systems & Services  
+1 508 748 0366  
systems@ysi.com

YSI Gulf Coast  
+1 225 753 2650  
gulfoast@ysi.com

SonTek/YSI  
+1 858 546 8327  
inquiry@sontek.com

AMJ Environmental  
+1 727 565 2201  
info@amjenviro.com

**ISO 9001**  
**ISO 14001**  
*(Yellow Springs facility)*

Pure Data for a Healthy Planet, ROX, and Who's Minding the Planet? are registered trademarks and Rapid Pulse is a trademark of YSI Incorporated. Windows is a registered trademark of Microsoft Corporation. LI-COR is a registered trademark of LI-COR Biosciences. AQUARIUS Time-Series is a trademark of Aquatic Informatics.

©2010 YSI Incorporated  
E23-10 0410 Printed in the USA



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

YSI Hydrodata (UK)  
European Support Centre  
+44 1462 673581  
europe@ysi.com

YSI Middle East  
+973 39771055  
halsalem@ysi.com

YSI India  
+91 9891220639  
sham@ysi.com

YSI/Nanotech (Japan)  
+81 44 222 0009  
nanotech@ysi.com

YSI China  
+86 10 5203 9675  
beijing@ysi-china.com

YSI (Hong Kong) Ltd  
+852 2891 8154  
hongkong@ysi.com

YSI Australia  
+61 7 39017233  
australia@ysi.com

## 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](http://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](http://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](http://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 <sub>2</sub>	659 gal	109 lbs



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)