



Drinking Water Sondes

Portable systems for safer water

Ensure the distribution of safe drinking water to your community with YSI Drinking Water Sondes – the industry’s first affordable, portable, multiparameter system to collect continuous data on a distribution system.

- Monitor points along the distribution system, not just at the plant
- Establish baseline water quality data
- Affordable and easy to use
- Free chlorine sensor tested by the US EPA, USGS, and US Department of Defense

Stable, Long-life Sensors

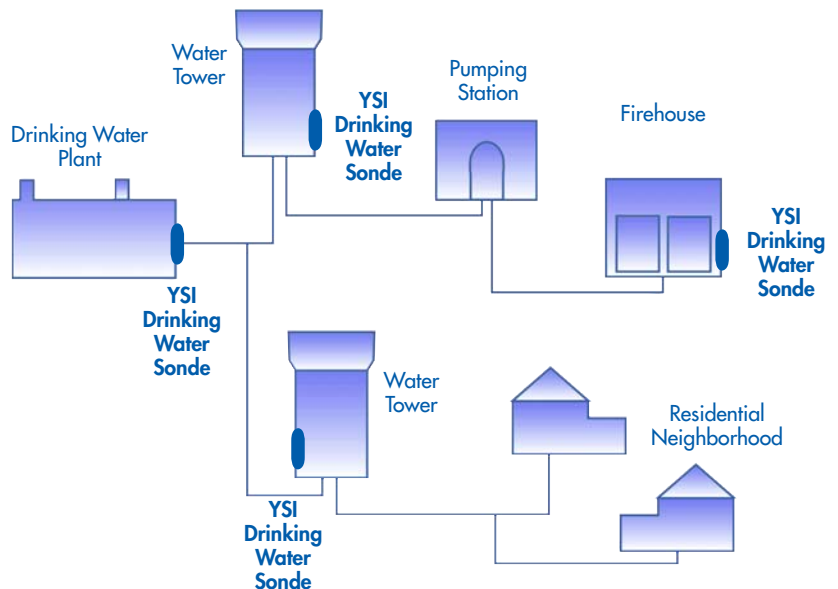
With millions of miles of pipe in drinking water distribution systems, safe delivery of water is very important to companies, government agencies, and citizens. YSI’s new Drinking Water Sondes, with free chlorine sensors, take readings at any point on the distribution system and provide you with a comprehensive view of your water quality. The instruments also use our reliable sensor technology for temperature, conductivity, pH, ORP, and turbidity – proven in thousands of surface water and groundwater applications.



The YSI 6920DW and 600DW-B Drinking Water Sondes, with flow cells, for sidestream measurements of distribution systems

- Portable and powered by batteries or AC
- No reagents
- Multiple set-up options for logging and viewing data
- Requires access point with valve and drain

Easily Monitor Water Quality at Plant and Throughout Distribution Lines



Pure Data for a Healthy Planet.®



To order, or for more information, contact YSI Environmental.

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ISO 9001
ISO 14001

Yellow Springs, Ohio Facility

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*Sensors with listed with the ETV logo were submitted to the ETV program on the YSI 6600EHS. Information on the performance characteristics of YSI water quality sensors can be found at www.epa.gov/etv, or call YSI at 800.897.4151 for the ETV verification report. 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.





YSI incorporated
Who's Minding
the Planet?[®]



YSI Drinking Water Sondes can be deployed with:

- Data logged internally
- Data viewed real-time on a personal computer
- Data sent to a SCADA system via YSI 6500 process monitor
- Data viewed remotely over the internet via YSI EcoNet™ (not shown above)

Sensor Specifications

	Range	Resolution	Accuracy
Free Chlorine	0 to 3 mg/L	0.01 mg/L	±15% of reading or 0.05 mg/L, whichever is greater; to maintain accuracy specification, flow must be at least 500 mL/min and pH should not change by more than ±0.3 units if mean pH is greater than 8.5.
Conductivity* 6560 Sensor* 	0 to 100 mS/cm	0.001 to 0.1 mS/cm (range dependent)	±0.5% of reading + 0.001 mS/cm
ORP	-999 to +999 mV	0.1 mV	±20 mV
pH 6561 Sensor* 	0 to 14 units	0.01 unit	±0.2 unit
Temperature 6560 Sensor* 	-5 to +50°C	0.01°C	±0.15°C
Turbidity (6920DW only) 6136 Sensor* 	0 to 1,000 NTU	0.1 NTU	±2% of reading or 0.3 NTU, whichever is greater**

* 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).

**In YSI AMCO-AEPA Polymer Standards.

Sonde Specifications 6920DW 600DW-B

Operating Temperature	-5 to +50°C	-5 to +50°C
Communications	RS-232, SDI-12	RS-232, SDI-12
Software	EcoWatch®	EcoWatch®
Dimensions	Diameter Length Weight	
	2.86 in, 7.3 cm 18.3 in, 46.4 cm 3.74 lbs, 1.7 kg	1.65 in, 4.2 cm 21.3 in, 54.1 cm 1.48 lbs, 0.67 kg
Sensors	Free Chlorine, Conductivity, ORP, pH, Temperature, Turbidity	Free Chlorine, Conductivity, ORP, pH, Temperature
Memory	150,000 data points	150,000 data points
Power	8 AA-size alkaline batteries, 12 V DC	8 AA-size alkaline batteries, 12 V DC
Battery life	Approx. 20 days at 20°C with a 15-min logging interval, 60-sec Cl ₂ warm-up, and turbidity active	Approx. 20 days at 20°C with a 15-min logging interval, 60-sec Cl ₂ warm-up, and turbidity active