



NEW

Multiparameter Sampling System!

YSI 600 QS (Quick Sample™)

The Easy Solution to Spot Sampling

Packaged for convenience, the combination of the YSI 650 MDS and YSI 600R sonde allows you to collect 8 simultaneous parameters in real-time. Designed for reliable field use, the display and data logger features an IP-67, impact-resistant case. The YSI 650 MDS can display all the parameters simultaneously, including date and time. The display autoadjusts the contrast making it easy to read. The included sonde is rated to 61m (200 feet) and has internal non-volatile flash memory that prevents data loss and stores up to 150 data sets. Together, these instruments are a sure way to quickly sample fresh, sea, brackish, or polluted waters.



- **Small, compact instrument... easily fits into 2-inch wells**
- **EPA-Approved Rapid-Pulse™ stirring-independent dissolved oxygen measurement**
- **ORP, pH and industry-leading specifications for conductivity and temperature measured simultaneously with dissolved oxygen**
- **Salinity and total dissolved solids are also calculated parameters**
- **Compatible with EcoWATCH™ for Windows™ data analysis software**
- **Menu-driven, easy-to-use interface**
- **3-year warranty on the instrument; 2-year warranty on the sonde**
- **The sonde communicates to the 650, direct to a PC via RS-232, or to a data collection platform via SDI-12**

Feature-Packed Performance

- **Battery Life** – With the standard alkaline battery configuration of 4 C-cells, the YSI 650 MDS will power itself and the sonde continuously for approximately 30 hours. Or, choose the rechargeable battery pack option with quick-charge feature.
- **Optional GPS Interface** – Designed to NMEA protocol, the YSI 650 MDS will display and log real-time GPS readings with a user-supplied GPS.
- **Memory** – Standard memory with 150 data sets with time and date stamp and can be downloaded to a PC via RS-232 interface.

Who's
Minding
the Planet?™

*Quick Sample with a new,
cost-effective combination
of two outstanding YSI
products!*

www.YSI.com





For more information on YSI's full line of products and services, as well as application notes, FAQ's, troubleshooting, and more, check our information-packed website: www.YSI.com

To order or for more information, contact YSI.

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ISO 14001

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YSI 600 QS Instrument Specifications (650 MDS)

Temperature:

Operating:	-10° to 60° C for visible display
Storage:	-20° to 70° C

Waterproof:

IP-67 for both the standard alkaline battery configuration and for the rechargeable battery pack option

Size:

11.9 cm width x 22.9 cm length (4.7 in. x 9 in.)

Weight with batteries:

2.1 lbs. (0.91 kg.)

Display:

VGA; LCD with 320 by 240 pixels with backlight

Connector:

MS-8; meets IP-67 specification

Battery:

Standard 4 alkaline C-cells with detachable battery cover
Optional Ni metal hydride battery pack with attached battery cover and 110/220 volt charging system

Communications:

RS-232 to all sondes, for data transfer to PC, and for software updates and SDI-12

GPS:

Y-cable; NMEA 0183

Backlight:

4 LEDs illuminating LCD; user-selectable

Keypad:

20 keys, including instrument on/off, backlight on/off, enter, esc, 10 number/letter entry keys, 2 vertical arrow keys, 2 horizontal arrow keys, period key, and minus key

YSI 600 QS Sonde Specifications (600R)

Size:	OD: 1.65" (4.19 cm)	Length: 14" (35.6 cm)	Weight: 1.1 lbs (0.49 kg)
Operating Depth:	200 ft. (61 m)		
	Range	Resolution	Accuracy
Dissolved oxygen % air saturation:	0 to 500%	0.1%	0 to 200%: ±2% of reading or 2% air saturation, whichever is greater; 200 to 500%: 6% of reading
Dissolved oxygen mg/L:	0 to 50 mg/L	0.01 mg/L	0 to 20 mg/L: ±2% of reading or 0.2 mg/L, whichever is greater; 20 to 50 mg/L: ±6% of reading
Conductivity:	0 to 100 mS/cm	0.001 to 0.1 mS/cm (range-dependent)	±0.5% of reading +0.001 mS/cm
Temperature:	-5 to +45 C	0.01 C	±0.15 C
pH:	0 to 14 units	0.01 unit	±0.2 unit
Salinity:	0 to 70 ppt	0.01 ppt	±1% of reading or 0.1 ppt, whichever is greater
Depth:	0 to 200 ft. (61 m)	0.001 ft. (0.001 m)	±0.4 ft. (0.12 m)

How To Order

600QS-01	Temperature, Conductivity, pH, DO, 25 ft. Integral Cable, 650-01 MDS, 600R Sonde
600QS-02	Temperature, Conductivity, pH, DO, Depth 0-200 ft., 25 ft. Integral Cable, 650-01 MDS, 600R Sonde
600QS-03	Temperature, Conductivity, pH, DO, 50 ft. Integral Cable, 650-01 MDS, 600R Sonde
600QS-04	Temperature, Conductivity, pH, DO, Depth 0-200 ft., 50 ft. Integral Cable, 650-01 MDS, 600R Sonde

Be sure to see the YSI 600 QS feature page which outlines the advantages and benefits of this new technology at: www.YSI.com/600QS

