



**NEW**

**Multiparameter Display System!**

## YSI 650 MDS

### Rugged and Reliable Display and Data Logging System

Log real-time data, calibrate YSI 6-series sondes, set-up sondes for deployment, and upload data to a PC with the new, feature-packed YSI 650 MDS (Multiparameter Display System). Designed for reliable field use, this next generation display and data logger features an IP-67, impact-resistant case.



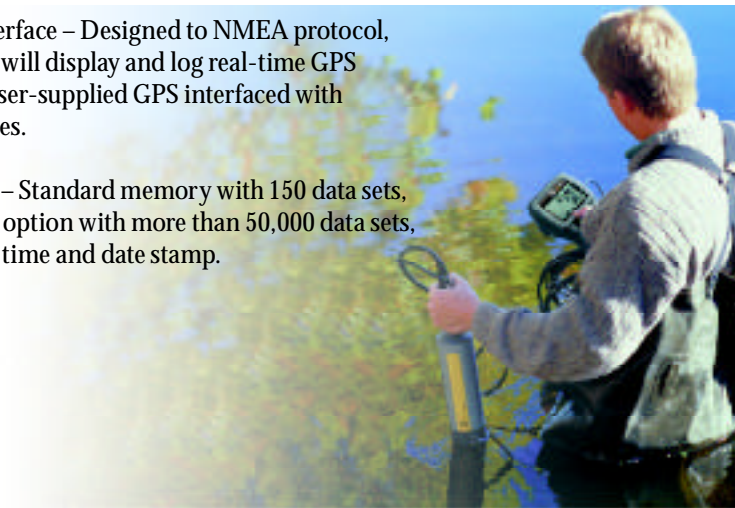
- Compatible with E<sub>CO</sub>WATCH™ for Windows™ data analysis software
- User-upgradable software from YSI's website
- Menu-driven, easy-to-use interface
- Three-year warranty

### Feature-Packed Performance

- Battery Life – With the standard alkaline battery configuration of 4 C-cells, the YSI 650 will power itself and a YSI 6600 sonde continuously for approximately 30 hours. Or, choose the rechargeable battery pack option with quick-charge feature.
- Optional Barometer – Temperature-compensated barometer readings are displayed and can be used in dissolved oxygen calibration. Measurements can be logged to memory for tracking changes in barometric pressure.
- Optional GPS Interface – Designed to NMEA protocol, the YSI 650 MDS will display and log real-time GPS readings with a user-supplied GPS interfaced with YSI 6-series sondes.
- Memory Options – Standard memory with 150 data sets, or a high memory option with more than 50,000 data sets, both options with time and date stamp.

Who's  
Minding  
the Planet?™

*A new, powerful logging  
display for use with  
YSI 6-Series sondes!*





*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](http://www.YSI.com)*

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

**800 897-4151**

**[www.YSI.com](http://www.YSI.com)**

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**ISO 9001**  
**ISO 14001**

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## YSI 650 MDS Specifications

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
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
Warranty:	3-Year

## How To Order

650-01	Instrument, standard memory
650-02	Instrument, high memory
650-03	Instrument, standard memory, barometer
650-04	Instrument, high memory, barometer
6113	Rechargeable battery pack kit with 110 volt charger and adapter cable
616	Charger, cigarette lighter
4654	Tripod
614	Ultra clamp, C-clamp mount
5081	Carrying case, hard-sided
5085	Hands-free harness
5065	Form-fitted carrying case
6115	Y-cable for interface with user-supplied GPS system

**Be sure to see the YSI 650 MDS feature page which outlines the advantages and benefits of this new technology at: [www.YSI.com/650MDS](http://www.YSI.com/650MDS)**