



**Multi-Probe System!**

## YSI 556 MPS

### Versatile, multiparameter handheld instrument

Rugged and reliable, the YSI 556 MPS (Multi-Probe System) combines the versatility of an easy-to-use, easy-to-read handheld unit with all the functionality of a multiparameter system. Featuring an IP-67, impact-resistant case, the YSI 556 MPS simultaneously measures dissolved oxygen, pH, conductivity, temperature, and ORP. GLP conforming.



- Field-replaceable DO electrode modules; pH and pH/ORP probes
- Compatible with Ecowatch™ for Windows™ data analysis software
- Easy-to-use, screw-on cap DO membranes
- User-upgradable software from YSI website
- Three-year warranty on the instrument; one-year on the probe modules
- Available with 4, 10, and 20 m cable lengths
- Stores over 49,000 data sets, time and date stamped

### Packed With Features!

- Battery Options – The unit is powered by alkaline batteries or an optional rechargeable battery pack with fast charge feature.
- Optional Barometer – Internal barometer can be user-calibrated and displayed along with other data, used in dissolved oxygen calibrations, and logged to memory for tracking changes in barometric pressure.
- Carrying Case – The instrument comes standard with a soft-sided carrying case with enough space for the YSI 556 MPS, a 20-meter cable, and calibrating supplies. A handstrap can be connected on either the right or left side of the instrument.

Contact your dealer for a full list of accessories, including flow cell.

Who's  
Minding  
the Planet?™

*A rugged, cost-effective  
Multi-Probe System —  
designed for the field!*

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





## YSI 5563 MPS Sensor Specifications

Dissolved Oxygen (% saturation)	Sensor Type: Steady state polarographic Range: 0 to 500% air saturation Accuracy: 0 to 200% air saturation, $\pm 2\%$ of the reading or 2% air saturation, whichever is greater; 200 to 500% air saturation, $\pm 6\%$ of the reading Resolution: 0.1% air saturation
Dissolved Oxygen (mg/L)	Sensor Type: Steady state polarographic Range: 0 to 50 mg/L Accuracy: 0 to 20 mg/L, $\pm 2\%$ of the reading or 0.2 mg/L, whichever is greater; 20 to 50 mg/L, $\pm 6\%$ of the reading Resolution: 0.01 mg/L
Temperature	Sensor Type: YSI Precision™ thermistor Range: -5 to 45°C Accuracy: $\pm 0.15^\circ\text{C}$ Resolution: 0.1°C
Conductivity	Sensor Type: 4-electrode cell with autoranging Range: 0 to 100 mS/cm Accuracy: $\pm 0.5\%$ of reading + 0.001 mS/cm Resolution: 0.001 mS/cm to 0.1 mS/cm (range-dependent)
Salinity	Sensor Type: Calculated from conductivity and temperature Range: 0 to 70 ppt Accuracy: $\pm 1.0\%$ of reading or 0.1 ppt, whichever is greater Resolution: 0.01 ppt
pH	Sensor Type: Glass combination electrode Range: 0 to 14 units Accuracy: $\pm 0.2$ units Resolution: 0.01 units
ORP	Sensor Type: Platinum button Range: -999 to +999 mV Accuracy: $\pm 20$ mV Resolution: 0.1 mV
Barometer (optional)	Range: 500 to 800 mm Hg Accuracy: $\pm 3$ mm Hg within $\pm 15^\circ\text{C}$ temperature range from calibration point Resolution: 0.1 mm Hg

To order or for more information, contact YSI.

800 897-4151

937 767-7241

Fax 937 767-9353

support@YSI.com

www.YSI.com

YSI Incorporated  
1700/1725 Brannum Lane  
Yellow Springs, Ohio 45387

YSI Massachusetts  
508 748-0366  
Fax 508 748-2543

YSI (UK) Limited  
44 1252 514 711  
Fax 44 1252 511 855

YSI (HK) Limited  
852 2891 8154  
Fax 852 2834 0034

YSI (Japan) Limited  
813 5360 3561  
Fax 813 5360 3565

ISO 9001  
ISO 14001

## YSI 556 Instrument Specifications

Size:	11.9 cm width x 22.9 cm length (4.7 in. x 9 in.)
Weight with batteries:	2.1 lbs. (916 grams)
Power:	4 alkaline C-cells; optional rechargeable pack
Cables:	4, 10, and 20 m (13.1, 32.8, 65.6 ft.) lengths
Warranty:	3-Year for the instrument; 1-Year for the probe module

### Order instrument, cable, and accessories separately.

556-01	Instrument (with large, soft-sided carrying case)
556-02	Instrument with barometer option
5563-4	4 m cable and DO/temp/conductivity
5563-10	10 m cable and DO/temp/conductivity
5563-20	20 m cable and DO/temp/conductivity
5564	pH kit
5565	pH/ORP kit
6118	Rechargeable battery pack kit
5083	Flow cell
616	Charger, cigarette lighter
4654	Tripod
614	Ultra clamp, C-clamp mount
5065	Form-fitted carrying case
5085	Hands-free harness
5060	Small carrying case, soft-sided (fits instrument and 4 m cable)
5080	Small carrying case, hard-sided (fits instrument and 4 m cable)
5081	Large carrying case, hard-sided (fits instrument and 20 m cable)

For more information on YSI's full line of products and services, as well as application notes, FAQs, troubleshooting, and more, check our information-packed website. Be sure to see the YSI 556 MPS feature page which outlines the advantages and benefits of this new technology at: [www.YSI.com/556MPS](http://www.YSI.com/556MPS)

