

# FIELD Environmental Instruments

Equipment Rental and Field Supplies

**YSI**

**556 MPS**

Groundwater Monitoring  
Multi-Probe System

*"Your Needs Are Our Business"*

Toll-Free  
**800-393-4009**



Rugged, reliable and waterproof, the YSI 556 MPS (Multiprobe System) combines the versatility of an easy-to-use, easy-to-read handheld unit with all the functionality of a multiparameter system.

Featuring a waterproof IP-67, impact-resistant case, the YSI 556 MPS simultaneously measures dissolved oxygen, pH, conductivity, temperature, and ORP. The YSI 556 MPS assists the user in conforming to GLP standards.

## **FEATURES:**

Simultaneous measurement of:

- Dissolved Oxygen
- pH
- Conductivity
- Temperature
- ORP

Easy to use, screw-on cap DO membranes

Stores over 49,000 data sets, time and date stamped

Compatible with EcoWatch™ for Windows™ software

Field-replaceable DO electrode modules; pH and pH/ORP probes

Optional flow cell

Optional Barometer Sensor Specifications available

## **SPECIFICATIONS**

<b>Dissolved Oxygen</b> (% saturation)	<b>Range:</b>	0 to 55% air saturation
	<b>Accuracy:</b>	0 to 200% air saturation, $\pm 2\%$ air saturation, whichever is greater; 200 to 500% air saturation, $\pm 6\%$ of the reading
	<b>Resolution:</b>	0.1% air saturation
<b>Dissolved Oxygen</b> (mg/L)	<b>Range:</b>	0 to 50 mg/L
	<b>Accuracy:</b>	0 to 20 mg/L, $\pm 2\%$ of the reading or 0.2mg/L, whichever is greater; 20 to 50mg/L $\pm 6\%$ of the reading
	<b>Resolution:</b>	0.01 mg/L
<b>Temperature</b>	<b>Range:</b>	-5 to 45°C
	<b>Accuracy:</b>	$\pm 0.15^\circ\text{C}$
	<b>Resolution:</b>	0.1°C
<b>Conductivity</b>	<b>Range:</b>	0 to 100 mS/cm
	<b>Accuracy:</b>	$\pm 0.5\%$ of reading + 0.001 mS/cm
	<b>Resolution:</b>	0.001 mS/cm to 0.1 mS/cm (range-dependent)
<b>Salinity</b>	<b>Range:</b>	0 to 70 ppt
	<b>Accuracy:</b>	$\pm 1.0\%$ of reading or 0.1 ppt, whichever is greater
	<b>Resolution:</b>	0.01 ppt
<b>pH</b>	<b>Range:</b>	0 to 14 units
	<b>Accuracy:</b>	$\pm 0.2$ units
	<b>Resolution:</b>	0.01 units
<b>ORP</b>	<b>Range:</b>	-999 to +999 mV
	<b>Accuracy:</b>	$\pm 20$ mV
	<b>Resolution:</b>	0.1 mV

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800-393-4009**