

Water Quality Meters

YSI 556 MPS Multi-Probe Field Meter

The YSI 556 MPS simultaneously measures dissolved oxygen, pH, conductivity, temperature, ORP, and more. The YSI 556 combines the versatility of an easy-to-use, easy-to-read handheld unit with all the functionality of a multiparameter system.



YSI 556 MPS with Kit and optional YSI 5083 Flow Cell

FEATURES

- Field replaceable Dissolved Oxygen (DO), Conductivity, and pH/ORP electrode modules.
- Easy-to-use screw-on cap DO membranes.
- 4, 10 and 20 meter cable lengths available.
- Stores over 49,000 data sets, time and date stamped. Easy download to PC.
- Standard soft-sided carrying case with enough space for the YSI 556, 20-meter cable and calibrating supplies.
- Probe guard protects sensors for down-well or open channel readings.



YSI 5083 Screw-On Flow Cell



YSI 3059 Screw-On Flow Cell

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

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YSI 556 MPS Multi-Probe Field Meter

SENSOR SPECIFICATIONS

	Sensor Type	Range	Accuracy	Resolution
Dissolved Oxygen (% Saturation)	Steady state polarographic	0 to 500% air saturation	0 to 200% air sat.; $\pm 2\%$ of the reading or $\pm 2\%$ air sat., whichever is greater; 200 to 500% air sat., $\pm 6\%$ of the	0.1% air saturation
Dissolved Oxygen (mg/L)	Steady state polarographic	0 to 50 mg/L	0 to 20mg/L; $\pm 2\%$ of the reading or ± 0.2 mg/L whichever is greater; 20 to 50 mg/L, $\pm 6\%$ of the reading	0.01 mg/L
Temperature	YSI Temp Precision thermistor	-5° to 45°C	$\pm 0.15^\circ\text{C}$	0.1°C
Conductivity	4-electrode cell with autoranging	0 to 200 mS/cm	$\pm 0.5\%$ of reading or $+0.001$ mS/cm; whichever is greater (4-meter cable) $\pm 1.0\%$ of reading or ± 0.001 mS/cm; whichever is greater (20-meter cable)	0.001 mS/cm to 0.1 mS/cm (range dependent)
Salinity	Calculated from conductivity and temperature	0 to 70 ppt	$\pm 1.0\%$ of reading or ± 0.1 ppt, whichever is greater	0.01 ppt
pH Optional	Glass combination electrode	0 to 14 units	± 0.2 units	0.01 units
Amplified pH Optional	Combination electrode with ribbon junction and glass	0 to 14 units	± 0.2 units	0.01 units
ORP Optional	Platinum button	-1999 to +1999 mV	± 20 mV	0.1 mV
Amplified pH/ORP Combo Optional (pH the same as above)	Combination electrode with ribbon junction and platinum button	-999 to 999 mV	± 20 mV	0.1 mV
Barometer Optional		500 to 800 mm Hg	± 3 mm Hg within $\pm 10^\circ\text{C}$ temperature range from calibration point	0.1 mm Hg
Total Dissolved Solids (TDS)	Calculated from conductivity (variable constant, default 0.65)	0 to 100 g/L		4 digits
Resistivity	Calculated from conductivity reading	Measured in KOhm cm, user dependent	$\pm 0.5\%$ of reading	

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-m, 10-m, 20-m lengths (13.1 ft., 32.8 ft. and 65.6 ft.)
- Communication Port:** RS-232 Serial
- Data Logger:** 49,000 data sets, date and time stamp, manual or logging, with user-selectable intervals
- Warranty:** 3 year for the instrument, 1 year for probes and cables
- Options:** Flow Cell
Hard-sided carry case

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