

Water Quality Meters

YSI 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.

FEATURES



YSI 556 MPS Meter with optional Flow Cell

- Field replaceable 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.



YSI 556 MPS Meter with Kit

SPECIFICATIONS

SENSOR	
Dissolved Oxygen (% saturation)	Sensor type: Steady state polarographic Range: 0 to 500% air sat. Accuracy: 0 to 200% air sat.; ±2% of the reading or 2% air sat. whichever is greater; 200 to 500% air sat., ±6% of the reading Resolution: 0.1% air sat.
Dissolved Oxygen (mg/L)	Sensor type: Steady state polarographic Range: 0 to 20mg/L; ± 2% of the reading or 0.2mg/L whichever is greater. Accuracy: 20 to 50 mg/L ±6% of the reading Resolution: 0.01 mg/L
Temperature	Sensor Type: YSI precision Thermistor Range: -5 to 45°C Accuracy: ±0.15°C Resolution: 0.1°C
Conductivity	Sensor type: 4-electrode cell with autoranging Range: 0 to 100mS/cm Accuracy: ±0.5% of reading +0.002mS/cm Resolution: 0.001 mS/cm to 0.1 mS/cm (range dependent)
Salinity	Sensor Type: Calculated from Cond. and Temp. Range: 0 to 70 ppt Accuracy: ± 1.0% of reading or 0.1ppt whichever is greater Resolution: 0.01 ppt
pH	Sensor Type: Glass combination electrode Range: 0 to 14 units
ORP	Accuracy: ±0.2 units Resolution: 0.01 units Sensor Type: Platinum button Range: -999 to +999 mV Accuracy: ±20 mV Resolution: 0.1 mV
Barometer (optional)	Range: 500 to 800 mm Hg Accuracy: ±3 mm Hg within ± 15°C temp. range from calibration point Resolution: 0.1 mm Hg
TDS	Sensor type: Calculated from cond. based on TDS value of calibration solution Range: User dependent Resolution: 0.001 g/L Accuracy: User dependent
Resistivity	Sensor Type: Calculated from conductivity reading Range: Measured in KOhm*cm, user dependent Accuracy: ±0.5% of reading
INSTRUMENT	
Size:	11.9cm width x 22.9 cm length (4.7 in. x 9 in.)
Weight w/ batteries:	2.1lbs
Power:	4 alkaline C-cells; optional rechargeable pack
Cables:	13.1, 32.8 and 65.6 ft. lengths
Warranty:	3 year for the instrument 1 year for the probe module
Optional Flowcell	

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com