



YSI® 556 Multi-Probe System

7106

The powerful features of a multiparameter system in a rugged handheld unit!

The YSI® 556 simultaneously measures dissolved oxygen, pH, conductivity, temperature, and ORP and is capable of measuring salinity. Housed in an IP-67, impact-resistant case, the meter offers an easy-to-read screen and can store over 49,000 data sets, time and date stamped. Measurements are easy with field-replaceable DO electrode modules and easy-to-use, screw-on cap DO membranes.

Two models are available. The standard model measures dissolved oxygen, pH, conductivity, temperature, and ORP. The YSI® 556 model with an internal barometer provides barometric pressure measurements in addition to the measurements taken by the standard model. The barometer can be user-calibrated, and measurements can be displayed with other data, used in dissolved oxygen calibrations, and logged to memory to track barometric pressure changes. Each instrument comes with a soft-sided carrying case. The instrument is powered by 4 C batteries or an optional rechargeable battery pack (sold separately) with fast charge feature. Three-year warranty for the instrument. One-year warranty for probe module. An RS-232 cable comes with the unit for downloading data to a PC. The YSI 556 is compatible with Ecowatch™ for Windows™ data analysis software. Order the instrument, cable, and accessories separately.

Measurement Specifications

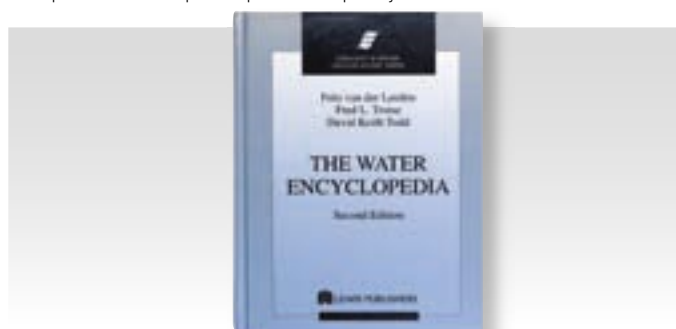
Dissolved Oxygen - Range: 0 to 500% air saturation/0 to 50 mg/L. Accuracy: 0 to 200% air saturation, ±2% of the reading or 2% air saturation, whichever is greater; 200 to 500% air saturation, ±6% of the reading/0 to 20 mg/L, ±2% of the reading or 0.2 mg/L, whichever is greater; 20 to 50 mg/L, ±6% of the reading. Resolution: 0.1% air saturation/0.01 mg/L. **pH** - Range: 0 to 14. Accuracy: ±0.2 units. Resolution: 0.01 units. **Conductivity** - Range: 0 to 100 mS/cm. Accuracy: ±0.5% of reading + 0.001 mS/cm. Resolution: 0.001 mS/cm to 0.1 mS/cm (range-dependent). **Temperature** - Range: -5°C to 45°C. Accuracy: ±0.15°C. Resolution: 0.1°C. **ORP** - 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 temperature range from calibration point. Resolution: 0.1 mm Hg.

YSI 556 (case included)*	6.75 lbs.	76360
YSI 556 with Barometer (case included)*	6.75 lbs.	76361
4 m Cable with DO/Temperature/Conductivity	3 lbs.	76364
10 m Cable with DO/Temperature/Conductivity	4.25 lbs.	76365
20 m Cable with DO/Temperature/Conductivity	5.5 lbs.	76366
pH Kit	5 oz.	76362
pH/ORP Kit	5 oz.	76363
Rechargeable Battery Kit	3 lbs.	76367
Flow Cell	2.5 lbs.	76368
Replaceable DO Module	6 oz.	76347
Membrane Kit, (6) 2 mil PE	2 oz.	76275
C cell, single	3 oz.	02181

*Must purchase cable and pH Kit or pH/ORP Kit separately.



76368



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