

Oxygen Analyzer for Air & Water

Model 600

With a unique galvanic sensor, the Model 600 Oxygen Analyzer is able to measure both the percent concentration of oxygen in air as well as the parts per million (PPM or Mg/L) dissolved oxygen in water. It has a range of 0 to 100.0% concentration and 0 to 100.0 parts per million dissolved oxygen.

The galvanic sensor is totally sealed, requiring no maintenance such as membrane and filling solution changes. The typical life of the sensor is greater than 12 months. The sensor is temperature compensated to maintain accuracy for air calibration. The sensor's flow rate sensitivity requires only a 0.5 ft/second flow in water for accurate readings. The sensor can safely withstand 25 psi pressure (60 foot depth in water).

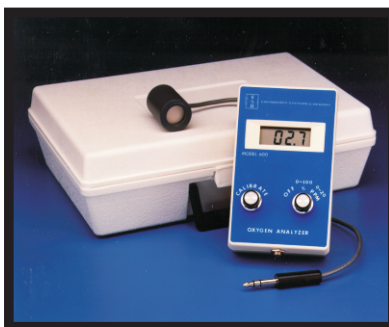
This meter is very easy to operate, designed with the non-technical user in mind. The Model 600 is sold in a kit, complete with the meter, the standard sensor with a five foot cable length, carrying case and instructions. Custom cable lengths are available for the sensor.

The Sensor Extender Kit is an optional accessory that is used with the Model 600. With proper storage in an oxygen-free environment, the life of the sensor (electrode) can be prolonged. The oxygen electrode is manufactured with a lead anode and a gold cathode.



Specifications:

Range: Dissolved Oxygen, 0-100.0 PPM
Concentration in air, 0-100.0%
Accuracy: DO, ± 0.25 ppm
Air, $\pm 1\%$
Precision: $\pm 0.1\%$
Hysteresis: Non-existent
Response Time: 90% of final reading
in 30 seconds
Zero: True zero in the absence of oxygen
Pressure: 25 psi maximum, 60-ft depth in water
Warranty: Meter, two years; Sensor, six months



Controls:

Switch: OFF - % - PPM

Miscellaneous:

Display: $\frac{1}{2}$ " LCD
Power: 9-volt battery
Optional Accessory: AC Wall Adpter
Size:
Meter: 6.00" L x 1.55" W x 3.70" H
Sensor: 1.25" dia. x 1.62" length
5 foot cable length



Engineered Systems & Designs, Inc.

3 South Tatanall Street
Wilmington, DE 19801 USA

302-456-0446 ph
302-456-0441 fx
esd@esdinc.com
www.esdinc.com