



## Dissolved Oxygen Sensor (Polarographic)

### Brief Introduction:

The Hydrolab Dissolved Oxygen sensor is based on a standard Clark Cell design, which is EPA approved, and has been trusted for over 30 years.

### Features:

- Design based on a standard Clark Cell design, and paired with a sample circulator
- Measures the current resulting from the electrochemical reduction of oxygen diffusing through a selective membrane
- Provides a continuous, steady-state reading



### Benefits:

- Low maintenance no need to "recondition" the sensor
- Complies with Standard Methods Article 4500-OG and EPA article 360.1 that require a circulator which create sufficient sample flow across the membrane
- Circulator also improves response time for all sensors and helps to sweep away traces of pH electrolyte

### Specifications:

Range:	0 to 50 mg/L
Accuracy:	+/- 0.2 mg/L for 20mg/L or less +/- 0.6 mg/L for over 20 mg/L
Resolution:	0.01 mg/L

### This sensor available on These sondes:

Hydrolab DS5X  
Hydrolab DS5  
Hydrolab MS5