

NEW Optical Dissolved Oxygen Sensor

PASCO's new **Optical Dissolved Oxygen Sensor** makes it easier than ever before to measure dissolved oxygen in the field or in a lab environment. The luminescent technology has several advantages over a galvanic dissolved oxygen sensor including:

- ▶ There is no warm-up time.
- ▶ No calibration is required
- ▶ It is low maintenance (no filling solution and electrode polishing).
- ▶ There is a built-in temperature and pressure compensation
- ▶ No flow dependency
- ▶ Optional Salinity Compensation

Perform these labs with the Optical Dissolved Oxygen Sensor:

- ▶ Photosynthesis, Respiration, and Fermentation Labs
- ▶ Monitoring Water Quality
- ▶ Measuring Net Primary Productivity
- ▶ Modeling Ecosystems

Specifications:

Cable Length: 3 m

Response Time: 90% in 25 sec

Operating Temperature: 0–50°C

Operating Pressure: 375–825 mmHg

Range: 0–20 mg/L or 0–300% saturation

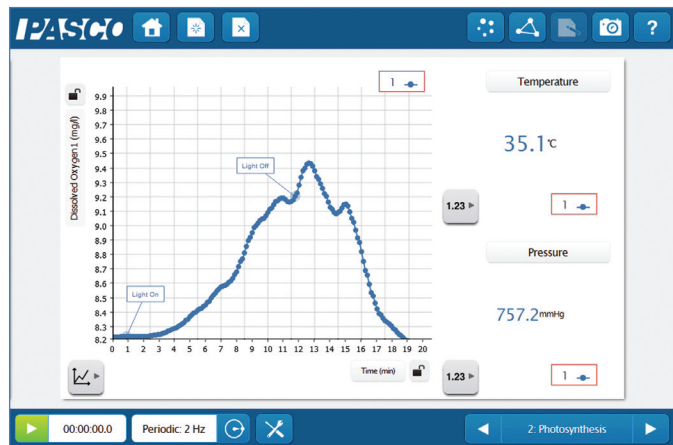
Accuracy:

±0.6 mg/L or ±3.0% out of box

±0.1 mg/L or ±1.0% whichever is greater after calibration

Above 200% ± 10%

Simultaneously measures O₂ mg/L and % saturation, temperature, and barometric pressure, making it easier than ever before to measure dissolved oxygen in the field or in the lab.



Optical Dissolved Oxygen Sensor

PS-2196

Also Available:

Optical Dissolved Oxygen Sensor Metal Guard

The metal guard protects the probe tip from damage and weighs down the probe for making measurements at depth. It is made of stainless steel and resists corrosion.

PS-2588

Optical Dissolved Oxygen Sensor Cap

This replacement sensor cap for optical dissolved oxygen sensor has a 12-month warranty.

PS-2597



Available Spring 2014