



new

The Sper Scientific Optical Dissolved Oxygen (DO) Meter is an ideal tool for low-maintenance dissolved oxygen measurement.

It delivers accurate results even in low oxygen ranges and remains unaffected by acid gases, ensuring reliable performance in challenging environments. With no polarization time or probe maintenance required, this DO meter offers unparalleled ease of use.

The large, easy-to-read LCD screen simultaneously displays both dissolved oxygen and temperature, with the flexibility to choose between % and mg/L units for DO measurements. Equipped with built-in automatic temperature compensation (°C/°F), the device also supports manual salinity and pressure compensation for enhanced precision. Additionally, 2-point DO calibration is available, ensuring accurate measurements every time.

- Great for low maintenance D.O. measuring work
- Remains accurate in low oxygen range and won't be affected by acid gases
- No polarization time and no probe maintenance work
- Big LCD with D.O. & Temperature display
- Selectable % and mg/L unit for D.O. Value
- °C/°F automatic temperature compensation built-in
- Manual salinity and manual pressure compensation
- 2 points D.O. calibration available

Standard probe



No.	Description
860067	Optical Dissolved Oxygen Meter



Auto
Power Off



Auto Temp.
Compensation



Memory
Recall



Manual
Logging



Metric/
Imperial



Low
Battery



MAX/MIN



mST



Aquaculture



Water Treatment

Optical Dissolved Oxygen Meter



Model	860067
DO Measuring Range	0.0%~200.0%
DO Accuracy of % Scale	±3% of Full Scale
DO Resolution	0.1%
DO Measuring Range	0.0 mg/L~20.0 mg/L
DO Accuracy	<5mg/L: ±0.3 mg/L 5~20 mg/L: ±0.4 mg/L
DO Resolution	0.1 mg/L
Temperature Measuring Range	0~40.0°C (32~104°F)
Temperature Accuracy	±0.5°C (0.9)°F
Temperature Resolution	0.1°C
Auto Temp. Compensation	0.0~40.0°C (32~104°F)
Manual Compensation	Included
Salinity Adjustable Range	0.0~55.0 ppt
Salinity Resolution	0.1 ppt
Barometric Pressure	Manual Compensation 50.0~115.0 Kpa
Barometric Pressure Resolution	0.1 Kpa
DO Calibration Points	0.0% and 100%
LCD Size	54 (L)*32.5 (W) mm
Operating Temperature	0~50°C
Operating RH%	Humidity < 85%
Storage Temperature	0~50°C
Storage RH%	Humidity < 80%
Sensor Life Time	>1 year (with good maintenance)
Meter Size	169(L) * 78.3(W) * 43.4(H) mm
Weight	~400g
Battery	AAA *6 PCS
Power Consumption	10 hours operation
Standard Package	Meter /D.O. Probe/6pcs AAA batteries/ Hard carry case/Manual