

# Instrumentation

## Dissolved Oxygen Meters



### Dissolved Oxygen Tracer

Code 1761

- Oxygen level displayed as % Saturation from 0 to 200.0% or Concentration from 0 to 20.00 ppm (mg/L)
- Adjustable Altitude Compensation (0-20,000 ft in 1,000 ft increments)
- Adjustable Salinity Compensation from 0 to 50 ppt
- Memory stores up to 25 data sets with DO and Temperature reading
- Self-calibration on power up; Data, Hold, Auto power off, Low battery indicator
- Waterproof to IP67
- Optional 3 ft (1m) or 16 ft (5m) extension cable
- Complete with DO electrode, protective sensor cap, spare membrane cap, electrolyte, four 1.5V CR-2032 batteries, and 48" (1.2m) neckstrap

	Range	Resolution	Accuracy
DO (sat. mode)	0 to 200.0%	0.1%	±2% FS
DO (conc. mode)	0 to 20.00 ppm (mg/L)	0.01 ppm (mg/L)	0.4 ppm (mg/L)
Temp.	32 to 122°F (0 to 50°C)	0.1°F/°C	±1.8°F (1°C)
Dimensions	1.4x6.9x1.6" (36x176x41mm)		
Weight	3.8 oz (110g)		

### Accessories

- DO Membrane Kit (6 screw-on membranes and solution) • Order Code 1761M
- DO Sensor Module • Order Code 1762
- DO Extension Cable (1 meter) • Order Code 1763
- DO Extension Cable (5 meters) • Order Code 1764



### Dissolved Oxygen Meter

Order Code 5-0107

- No meter warm-up required
- Low-maintenance probe
- Key in salinity and pressure values manually
- Independent 100% and zero adjustment calibrations
- Offset adjustment capabilities
- Displays electrode diagnostics
- Easily toggle from mg/L (ppm) or % saturation to temperature mode

	Range	Resolution	Accuracy
mg/L (ppm)	0.00 to 20.00 mg/L (ppm)	0.01 mg/L (ppm)	±1.5% FS
% Saturation	0.0 to 200.0%	0.1%	±1.5% FS
Temp.	-5.0 to 105.0°C	0.1°C	±0.5°F
Salinity correction	0.0 to 50.0 ppt	0.1 ppt	Method: Key in manually or automatic correction
Barometric pressure correction	500 to 1499 mm Hg	1 mm Hg	Method: Key in manually or automatic correction
Temperature compensation	Automatic from 0 to 50°C		
Operating temperature	0 to 50°C		
Probe	Galvanic		
Power	Four 1.5 V AAA batteries (included), >700 hrs continuous use		
Dimensions	5.5"L x 2.7"W x 1.3"H		
Weight	1.0 lb (0.45 kg)		

