

# Heavy Duty Dissolved Oxygen Meter

**Dual display of oxygen concentration and temperature**  
 With RS-232 PC interface for data acquisition and datalogging applications

## Features:

- Large 1.4" (36mm) LCD displays both oxygen and temperature values
- Measures dissolved oxygen from 0 to 20.0mg/L and 0 to 100.0% oxygen plus temperature from 32 to 122°F (0 to 50°C)
- Automatic Temperature Compensation from 0 to 50°C via temperature probe sensor built into polarographic type oxygen probe
- Fast 0.8 second sampling time
- Recall Min/Max/Average readings and Data Hold
- Built-in RS-232 PC serial interface with optional data acquisition software and datalogger
- Auto power off saves battery life
- Complete with 0.8" (20mm) diameter probe on 13ft (4m) cable, 5 membranes, rubber holster, 9V battery and hard case
- Optional Windows® Data Acquisition Software and serial cable enable user to display and capture readings on a PC, and set time intervals and alarms
- Optional battery operated Datalogger module stores over 8000 readings for later transfer to a PC



Complete with 0.8" (20mm) probe on 13ft (4m) cable, membranes, protective holster with stand, 9V battery, and carrying case

| Specifications                   | Dissolved Oxygen                                                                        | Oxygen               | Temperature             |
|----------------------------------|-----------------------------------------------------------------------------------------|----------------------|-------------------------|
| Range:                           | 0 to 20.0 mg/L                                                                          | 0 to 100.0%          | 32 to 122°F (0 to 50°C) |
| Accuracy:                        | ±0.4 mg/L                                                                               | ±0.7%                | ±0.8°C/1.5°F            |
| Probe Compensation & Adjustment: | Salt: 0 to 39%                                                                          | Altitude: 0 to 3900m | Temp: 0 to 50°C         |
| Dimensions/Weight:               | 7 x 2.9 x 1.3" (178 x 74 x 33mm) / 17oz (meter only)<br>Probe: 20mm(0.8")D 125mm(4.9")L |                      |                         |

## Ordering Information:

- 407510 .....Heavy Duty Dissolved Oxygen Kit
- 407510-P .....Dissolved Oxygen probe with 13ft (4m) cable
- 780417A .....Replacement Membranes (10/pack)
- 780418 .....DO Internal Fill Solution
- 156119 .....117V AC Adaptor
- 156221 .....220V AC Adaptor
- 407001 .....Data Acquisition Software and cable
- 380340 .....Battery Operated Datalogger Module

