

## Heavy Duty Dissolved Oxygen Meter



**Dual display of oxygen concentration and temperature**  
With RS232 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
- Builtin RS232 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<sup>®</sup> 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) Probe: 20mm(0.8")D 125mm(4.9")L		

### Ordering Information:

- 407510 .....Heavy Duty Dissolved Oxygen Kit  
 407510P .....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