

Dissolved Oxygen Meter/Datalogger

Records data on an SD card in Excel® format
For easy transfer to a PC for analysis

Features:

- Dual backlit display of Oxygen Concentration and Temperature
- 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
- Offset adjustment used for zero function to make relative measurements
- Stores 99 readings manually and 20M readings via 2G SD card
- Records readings with real date and time stamp
- User programmable sampling rate: 1 second to 8hrs:59min:59sec
- Min/Max and Data Hold functions
- Auto power off with disable function
- Built-in PC interface
- Complete with 6 x AA batteries, SD card, probe, two spare replacement membranes, electrolyte, and hard carrying case



Typical Oxygen measurement applications in lab

| 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 & Adjustmen | Salt: 0 to 50% | Altitude: 0 to 8910m | Temp: 0 to 50°C |
| Dimensions/Weight | 7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm) / 25.6oz(725g) (meter only) Probe: 28mm(1.1")D x 190mm(7.5")L | | |

Ordering Information:

SDL150Dissolved Oxygen Meter/Datalogger
407510-PDissolved Oxygen probe with 13ft (4m) cable
780417AReplacement Membranes (10/pack)
780418DO Internal Fill Solution (2pks/50mL each)
153117DO Internal Fill Solution (2pks/50mL each)
UA100-240100-240V AC Adaptor with 4 plugs (US, EU, UK, AU)