



## Dissolved Oxygen Meter with Galvanic Probe Oxan 600

The Oxan 600 measures up to 20.0 parts per million of dissolved oxygen in aqueous solutions or p to 100% concentration of oxygen in an atmospheric environment. This meter is user friendly and is easily operated by non-technical personnel.

Unlike other oxygen meters, the Oxan 600 does not have a zero adjustment for setting the meter to zero oxygen concentration. To calibrate the Oxan 600, you simply adjust the calibrate control to make the meter read 20.9% oxygen in air. The calibration is that quick and easy.

The electrode needs no maintenance whatsoever. There are no membranes or filling solutions to change, as is the case with competitors' meters. This allows the non-technical operator to use the meter without difficulty. Under normal conditions, the Oxan 600's maintenance-free electrode has 12-month life.

The Oxan 600 kit includes the meter, electrode, a carrying case, and easy-to-understand instructions. The standard kit includes a 5-foot electrode. Electrodes up to 100 feet can be manufactured upon request.

### Oxan Extender Kit

With proper storage in an oxygen-free environment, the life of the oxygen electrode can be extended significantly. The oxygen electrode is manufactured with a lead cathode and operates like a battery. The lead is consumed whenever the electrode is exposed to oxygen. When the lead is totally consumed, the electrode is dead.



The Oxan Extender Kit is an accessory providing an oxygen-free soaker chamber for storing the electrode. Each kit includes the soaker chamber, a 1-ounce mixing bottle, a 1 ounce bottle of sodium bisulfite, and a 0.25g measuring spoon.

### Specifications

|                          | Oxan 600  |
|--------------------------|---|
| <b>Meter</b>             |   |
| Range                    | Dissolved Oxygen 0-20.0 PPM<br>Concentration 0-100%   |
| Accuracy                 | ±0.25 PPM; ±5% Concentration  |
| Precision                | ±0.1% Concentration or PPM  |
| Hysteresis               | Non-Existant  |
| Temperature Compensation | Automatic from 0 to 40°C  |
| Response Time            | 90% of final reading in 12 seconds  |
| Zero                     | True zero in absence of oxygen  |
| Pressure                 | 25 psi max. (60 foot depth in water)  |
| <b>Controls</b>          |   |
| Switch                   | OFF-%-PPM   |
| Calibrate                | Calibrates the meter to 20.9% in air  |
| <b>Miscellaneous</b>     |   |
| Display                  | 0.5 inch LCD  |
| Power                    | 9-volt battery  |
| Battery Indicator        | "BAT" lights when low   |
| Size                     | Kit - 12.25 x 8 x 3.5 inches, 30.6 x 20.3 x 8.2 cm<br>Electrode - 1.25 in. dia. x 1.62 in long; Cable - 5 ft<br>Electrode - 3.1 cm dia. x 4.1 cm long; Cable- 1.542 m |
| <b>Warranty</b>          | Meter - 2 years; Electrode - 6 months   |

### Ordering Information

| ITEM                | DESCRIPTION                       |
|---------------------|-----------------------------------|
| <b>OXAN600</b>      | Meter kit with Electrode and Case |
| <b>OXAN-Elec-05</b> | Electrode with 5 ft cable         |
| <b>OXAN-Extend</b>  | Electrode Extender kit            |