

DISSOLVED OXYGEN ANALYZER, PORTABLE

Dissolved Oxygen Analyzer, Portable "DO". Model 3100

Optical Sensor - No membrane- No Constant Calibration-Data Logging

Download Date

Instrument designed for the measurement of dissolved Oxygen in aqueous solutions by a optical sensor. Fluorescence sensor technology.

Sensor does not have to remain moist.

No membranes fill solutions, or cartridges.

Data logging and the ability to download the data directly to a computer are standards features. RS232 serial port.

Calibration is factory programmed.

Large, backlit graphical display.

Waterproof.

Rechargeable batteries and charger, 12 hours of autonomy.

Automatic turn out.

Real time clock.

User friendly.

Memory of safety



Specifications

Range: 0 to 25mg/L O₂.

Accuracy: 1% of reading or $\pm 0,02$ mg/L O₂, whichever is greater

Sensitivity/Resolution: 0.01mg/L below of 4,00mg/L; 0.1mg/L above of 4,0mg/L O₂.

Stability: 0,01mg/L O₂.

Repeatability: 0,01% O₂.

Response time: 95% in less than 60 seconds

Sensor cable length: 6,6 m

Sensor drift: less than 0,01 mg/L O₂ per year

Sensor check: automatic self diagnostic

Output: RS-232 serial

Memory backup: yes

Temperature range: 0...60 °C

Ambient temperature: minus 20°C to 70°C

Ambient humidity: 0...100%

Enclosure rating: NEMA 4X

Wetted materials: epoxy, polyurethane and PVC

Display: LCD graphic display with UV protection, contrast adjustment by keypad

Maximum pressure: 100 psi (7 bars)

Size: 110x260x67mm

Weight: 1,8Kg.

Code	Articles
12.0202.00*	Dissolved Oxygen Analyzer DO, Portable, with sensor, PC cable and suitcase

Distributor: