

SE WATER AND AIR PVT LTD



SE 4000 Optical Dissolved Oxygen

Precise results using high-quality interference filters



- ❖ IPS TOUCH SCREEN DISPLAY
- ❖ REAL-TIME-CLOCK AND DATE
- ❖ HIGH ACCURACY
- ❖ LOW MAINTANANCE
- ❖ DRIFT FREE, OPTICAL MESUREMENT

APPLICATIONS:

- Urban wastewater treatment.
- Industrial effluent treatment.
- Surface water monitoring.
- Sea water monitoring, fish farming, aquarium.
- Drinking water.

OPTICAL TECHNOLOGY:

- The Optical Dissolved Oxygen technology is based on luminescent optical technology. The sensor is approved by the ASTM International Method D888-05.
- Without calibration requirements and thanks to an ultra-low power technology, the sensor meets the demands of field works and short or long term campaigns.
- Without oxygen consumption, this technology allows you an accurate measure in all situation and especially in very low oxygen concentrations.

MECANIC:

- Compact, strong and light weight, the sensor allows a portable or in fixed/permanent use. Body in Stainless steel 316 L (passivation treatment) or in Titanium for applications in corrosive environment.

TECHNICAL SPECIFICATION:

- Type: Portable
- Measure principle: Optical measure by luminescence
- Display: Color TFT
- Data Log: Through SD card
- Measure ranges: 0.00 to 20.00 mg/L, 0.00 to 20.00 ppm, 0-200%
- Resolution: 0.01
- Accuracy: +/- 0.1mg/L, +/- 0.1 ppm, +/- 1 %
- Response time: 90% of the value in less than 60 seconds
- Frequency of recommended measure: >5 s
- Stocking temperature: -10°C to + 60°C
- Signal interface: Modbus RS-485 (standard)
- Power-supply: 25.2 volts for charging
- Backup on continuous use: 8 hours
- Charging time: 1 hour (From Min to Max)

Contact us:

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