

## Agasthya 2021 Series Dissolved Oxygen Sensor Model BI1360-S-T



### Features:

- Fluorescence method dissolved oxygen sensor is based on the principle of fluorescence quenching.
- Fluorescent dissolved oxygen electrode adopts optical physics principle, no chemical reaction in the measurement, no influence of bubbles.
- Aeration/anaerobic tank installation and measurement are more stable, maintenance-free in the later period, and more convenient to use. Fluorescent oxygen electrode.
- Fluorescence technology can provide accurate measurement data for all measurement environments, especially those with low oxygen concentration, without consuming oxygen.
- The electrode lead is made of PVC material, which is waterproof and anti-corrosion, which can cope with more complicated working conditions.
- The electrode body is made of 316L stainless steel, which is corrosion-resistant and more durable.
- The sea water version can also be plated with titanium, which also performs well under strong corrosion.
- The fluorescent cap is anti-corrosion, the measurement accuracy is better, and the service life is longer. No oxygen consumption, low maintenance and long life.

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### Technical Specification:

❖ Measurement range	: 0-20mg/L
❖ Measure method	: Fluorescent method
❖ Housing material	: POM+ 316 Stainless steel
❖ Waterproof rating	: IP68
❖ Accuracy	: ±1%F. S
❖ Pressure range	: ≤3 Bar
❖ Temperature compensation	: NTC10K
❖ Temperature range	: 0-50°C
❖ Storage Temperature	: 0-45°C
❖ Calibration	: Anaerobic water calibration and air calibration
❖ Cable Connection	: 4 core cable
❖ Cable length	: Standard 10m cable, can be extended to 100m
❖ Installation thread	: G3/4 End thread
❖ Application	: General application, river, lake, drink water, environmental protection, etc.

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