

Membrane/Micro Dissolved Oxygen Electrode

innoSens 420/428

The innoSens 420 Clark Dissolved Oxygen Electrode is used for DO measurements in polluted wastewater surface waters. innoSens 428 Trace Fluorescence Method Dissolved Oxygen Sensor is based on the principle of fluorescence quenching, does not require membranes and electrolytes, is virtually maintenance free, and is widely used for trace oxygen measurements in bio-pharmaceuticals, brewer's beverages, and boiler de-oxidising equipment.



Measurement parameters

Dissolved oxygen in sewage (membrane method)

Applications

Municipal sewage, industrial wastewater, aquaculture

Applicable Controllers

innoCon 68000 Intelligent Dissolved Oxygen Controller
Flumsys 10TC Controller

Features

- Adopts Clark measurement technology
- Built-in temperature probe compensation
- High accuracy and stability
- Integral membrane head assembly for easy replacement
- Low purchase cost

Technical parameter	
Measuring range:	0-200.00mg/L, 0-200%
Temperature compensation:	PT1000、NTC 10K
Working temperature:	0-60°C
Maximum pressure:	atmospheric pressure
Flow rate requirements:	≥0.03m/s
Material:	pps, Gold/silver electrode
Installation:	Submerged
Connection thread:	3/4"NPT
Cable length:	10m Standard
Protection class:	IP68
Application:	Sewage treatment, Surface water
Order No.	35-0420-00



Measurement parameters

Micro Dissolved Oxygen (Fluorescence Method)

Applications

Biopharmaceuticals, boiler deaerators

Applicable Controllers

innoCon 6800TO Dissolved Oxygen Controller
Flumsys 10TC Controller

Features

- Fluorescence quenching measurement technology
- Built-in temperature probe compensation
- 316L stainless steel housing
- No membrane or electrolyte required
- Stainless steel flow cell as standard

Measuring range:	0-2000.0ug/L (ppb)
Detection limit:	0.5ppb
Resolution:	0.1ppb
Accuracy:	±0.5ppb or 2%, Take a large value
Working temperature:	0-50°C
Maximum pressure:	12bar
Material:	316L stainless steel
Installation:	Matching flow cel
Cable length:	10m Standard
Protection class:	IP68
Application:	Power plant, Boiler water
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