

Clark Dissolved Oxygen Electrode

innoSens 420/425

The innoSens 420 Clark Dissolved Oxygen Electrode is used for DO measurements in polluted wastewater surface waters. The innoSens 425 dissolved oxygen electrode is a ppb-grade industrial online dissolved oxygen electrode. Applied with the principle of polarography, it adopts the gas-permeable membrane imported from the United States, and the membrane head is integrated and easy to maintain and replace.



innoSens 420
Dissolved Oxygen
Electrode

Measurement parameters

Dissolved oxygen in sewage (membrane method)

Applications

Municipal sewage, industrial wastewater, aquaculture

Applicable Controllers

innoCon 68000

Features

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



innoSens 425
Dissolved Oxygen
Electrode

Measurement parameters

Micro Dissolved Oxygen

Applications

Power plants, boiler water, etc.

Applicable Controllers

innoCon 68000

Features

- Adopts Clark measurement technology
- Built-in temperature probe compensation
- 316L stainless steel housing
- Integral membrane head assembly for easy replacement
- Standard stainless steel flow cell

Technical parameter

Measuring range:	0-20mg/L, 0-200%
Temperature compensation:	PT1000
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

Measuring range:	0-200.00μg/L (ppb), 0-20.00mg/L (ppm)
Temperature compensation:	PT1000
Working temperature:	0-60°C
Maximum pressure:	atmospheric pressure
Flow rate requirements:	≥0.03m/s
Material:	316L stainless steel
Installation:	Submerged
Connection thread:	Standard stainless steel flow cell
Cable length:	10m Standard
Protection class:	IP68
Application:	Power plants, boiler water
Order No.:	35-0425-00