

Online Dissolved Oxygen Analyzer

innoCon 6800O

The innoCon 6800 plus intelligent controller is designed for water treatment and industrial process monitoring, with Chinese/English menus, automatic temperature compensation, two 4-20mA/RS485 Modbus RTU and Hi/Lo alarm outputs as standard, panel and wall mounting. Different water quality parameters can be measured by selecting different innoSens electrodes.



Measurement parameters

Dissolved Oxygen

Features

- The latest wide power input, super anti-interference design
- Large-screen backlit LCD shows measured values, temperature and relay status
- Chinese / English menu, easier to operate
- Password protection, to prevent unauthorized operation
- New calibration steps can help reduce operational errors
- 2 sets relay output can set High/ Low
- Automatic cleaning relay output
- 2 channel 4-20mA current
- RS485 Modbus output

Technical parameter

Item No.:	innoCon 6800O
Measurement:	ppm/ppb Dissolved Oxygen
Range:	0 -20.00mg/L,0 - 200% 0 - 200 μ g/L
Resolution:	0.01mg/L,0.1 μ g/L
Accuracy:	$\pm 1\%$ fs.
Compensation:	PT1000
Display:	Big-size screen of crystal display, white back light
language:	Chinese / English
Passcode:	Set mode: 0022, Calibration mode: 0011
Power supply:	90 - 260V AC, 50/60Hz; 24VDC(Optional)
Current output:	2x Isolated 4-20mA outputs, programmable measured value and temperature, max. load 500 Ω
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
Washing Relay:	Wash interval: 0.1-1000h, Wash time:1-1000s
Working temperature:	0~70.0°C
Protection class:	IP65
Installation:	Wall/Pipe/Panel Mounting
Size:	Dimensions: 144 x 144 x 110mm, Panel Cut Size: 138 x 138mm
Weight:	Ca.0.85Kg
Order No.:	33-6801-30

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.



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



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