

Online fluorometric dissolved oxygen analyser innoCon 6800D

Parameters

Dissolved oxygen, Temperature

Applications



waste water treatment



surface water



aquaculture

Sensor

Product Model: innoSens 450

Measuring principle: fluorescence quenching principle

Measurement range: 0.00 - 20.00ppm / 0 - 200%

Resolution: 0.01ppm

Accuracy: ±0.1ppm or ±1%

Temperature compensation: Built-in NTC

Response time: <60S

Flow rate: not required

Electrolyte/membrane: not required,
fluorescent cap replaceable
(cycle 1~2 years)

Material: 316L

Size: Dimensions: Diameter: 33.5mm

Length: 197mm

Connection: 3/4" BSP

Cable: 10m as standard

Maximum pressure: 5bar

Operating temperature: 0-60°C

Protection Class: IP68

InnoSens 450 Fluorescence Dissolved Oxygen Sensor



● Based on the fluorescence quenching principle, the InnoSens 450 fluorometric dissolved oxygen sensor requires no membrane or electrolyte, is virtually maintenance-free, has excellent performance, is easy to use, does not consume oxygen and is widely used for DO monitoring in aeration basins of municipal wastewater treatment plants.



The innoCon 6800 series single channel controllers are designed for single water quality parameter measurements related to the water treatment industry. 4.3" colour LCD display, touch operation and very easy setup. The series controller has a data storage function and supports U disk data export. Three programmable relays and two 4-20mA outputs are provided for controlling auxiliary equipment, with Modbus RTU (RS485) communication as standard.

Controller

Display:	4.3" colour LCD touch screen display
Language:	Chinese/English
Password:	setting mode:0022, Calibration mode:0011
Power supply:	110-240VAC, 50/60Hz.
Current output 1:	isolated 4-20mA output, settable measurement value, max. load 500Ω
Current output 2:	isolated 4-20mA output, settable measurement value, max. load 500Ω
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
Purging relay:	cleaning interval:0.1-1000h, cleaning time:1-1000s
Operating temperature:	0~70.0°C
Storage temperature:	-20~70.0°C
Protection level:	IP65
Mounting:	wall mounted
Dimensions:	200×180×90mm
Weight:	ca. 1Kg

Order Guide

Order No.	Description
33-6800-10	innoCon 6800D online fluorometric dissolved oxygen analyser
35-0450-00	innoSens 450 fluorometric dissolved oxygen sensor
50-0200-20	A-200S 304 stainless steel installation kit
50-0200-30	PA-200A Air Automatic Cleaning System