

innoCon 6800CL

Cl₂ / ClO₂ / O₃ Measurement

Measuring parameter

- Free chlorine
- Chlorine dioxide
- Ozone

Features

- The latest wide power input, super anti-interference design
- Flame retardant plastic bite shell, better texture feel
- 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
- NEMA4X / IP65 protection class, a variety of installation methods
- 2 sets relay output can set High/ Low
- Automatic cleaning relay output
- 2 channel 4-20mA current / RS485 Modbus output
- One key to restore factory settings



innoCon 6800CL Controller is specially designed for water treatment and industrial process control. Used with innoSens 710 sensor and PA-711 flow cell, it can measure the concentration of residual chlorine, chlorine dioxide and ozone in the water. Its adoption of membrane free constant voltage sensor eliminates the need for membrane and reagent replacement. Furthermore, it is highly sensitive and stable, only requiring simple maintenance.

Application

- Process Water
- Disinfection
- Drinking Water Food&Beverage
- Cooling Water
- Wastewater Treatment
- Pool&Spa

Specification

Measuring parameter

Free chlorine / Cl₂: 0 - 2.000 / 0 - 20.00 ppm (mg/L)

Chlorine dioxide/ClO₂ D: 0 - 2.000 / 0 - 20.00 ppm (mg/L)

Ozone / O₃: 0 - 2.000 / 0 - 20.00 ppm (mg/L)

Input

Measuring sensor: innoSens 710 potentiostatic sensor

Temperature probe: Pt-1000 / NTC-10K (optional)

 www.jensprima.com

Output

Analog Output 1: 4-20 mA isolated current output for Cl₂/ ClO₂/O₃/(or it can be made to represent any segment of the measuring scale) Load: Max 600Ω

Analog Output 2: 4-20 mA isolated current output for TEMP.(it can be made to represent any segment of the measuring scale)Load: Max 600Ω

Relay 1&2 (Alarm)

Operation: ON/OFF

Selectable action : High / Low

Set Point: High/10.00mg/L; Low/4.00mg/L (adjustable)

Hysteresis: 0.10mg/L (adjustable)

Relay contacts: 5A/250VAC; 5A/30VDC

Relay 3 (Washing Relay):

Wash interval: 0.1~1000hour

Wash time: 1~1000s

Relay contacts: 5A/250VAC;5A/30VDC

Relay 3 (Washing Relay):

RS 485 Modbus RTU

Baud rate: 9600 bps

Data format: 8 bit

General Information

Power supply: 90 - 260V AC, 50/60Hz; 24VDC(Optional)

Temperature: Operating temperature: 0 - 60 °C

Storage temperature: -20 - 70 °C

Humidity: Max. 90% rH at 40°C (non-condensing)

LCD Screen: Big-size screen of crystal display, white back ligh

Language: Chinese / English

Passcode: Set mode: 0022, Calibration mode: 0011

Protection grade: IP65

Dimensions: 144 * 144 * 110mm

Installation: Wall/Pipe/Panel Mounting

Panel Cut Size 138 * 138mm

Weight: 0.85Kg

Order Guide

Order No.	Type	Descriptions
33-6801-40	innoCon 6800CL	Potentiostatic controller, 90 - 260V AC
33-6801-44	innoCon 6800CL	Potentiostatic controller, 24V DC
35-0710-00	innoSens 710	Potentiostatic sensor
50-0711-00	PA-711	Flow cell for innoSens 710
50-0100-25	PA-125	Flow cell for innoSens 710 ozone Sensor