

Online Residual Chlorine Analyzer

innoCon 6501CL

The innoCon 6501 basic controller is designed for water treatment and industrial process monitoring, with Chinese/English menu, automatic temperature compensation, 1 channel 4-20mA/RS485 Modbus RTU and Hi/Lo alarm output as standard, and panel embedded installation. Different water quality parameters can be measured by selecting different innoSens electrodes.



Measurement parameters

Residual chlorine

Features

- The latest wide power input, super anti-interference design
- Economical and practical
- Large-screen backlit LCD display, easy to read all day long
- Chinese / English menu, easier to operate
- Password protection, to prevent unauthorized operation
- 2 sets relay output can set High/ Low
- 1 channel 4-20mA current
- RS485 Modbus output

Technical parameter

Item No.:	innoCon 6501CL
Measurement:	Residual chlorine
Range:	0 - 2.000ppm 0 -20.00ppm
Resolution:	0.001/0.01ppm
Accuracy:	±2%f.s.
Compensation:	PT1000 or NTC10K
Display:	screen of crystal display, white back ligh
language:	Chinese / English
Passcode:	Set mode: 0022, Calibration mode: 0011
Power supply:	90 - 260V AC, 50/60Hz; 24VDC(Optional)
Current output:	1x Isolated 4-20mA outputs, programmable measured value and temperature, max. load 500Ω
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
Working temperature:	0~70.0°C
Protection class:	IP65
Installation:	Pipe/Panel Mounting
Size:	108 × 108 × 145mm
Panel Cut Size:	92 × 92mm
Weight:	Ca.0.6Kg
Order No.:	33-6501-30

Cl₂/ClO₂/Ozone Electrode

innoSens 710

The innoSens 710 electrode is based on the double platinum constant voltage measuring principle, where the measuring and reference electrodes maintain a constant potential at which different measured constituents produce different current intensities. During the measurement process, Cl₂ or HClO is consumed, so the current intensity generated is related to the concentration of residual chlorine in the water. When the pH is in the range 6–8, the measurement signal decreases with increasing pH and can be compensated for by entering the pH value on site. Chlorine dioxide and ozone can also be measured using the constant voltage method (innoCon 6800CL intelligent controller only).

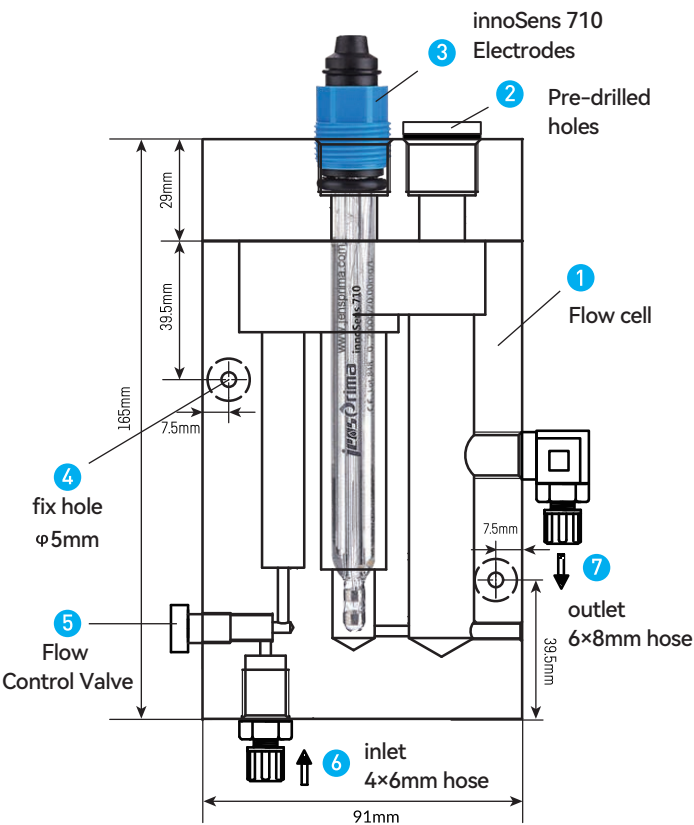
Applicable Controllers

Flumsys 10TC、innoCon 6800CL、innoCon 6501CL

Features

- The latest wide power input, super anti-interference design
- No colourimetric reagents required
- No need to change diaphragms and electrolyte
- Easy to install and low maintenance costs
- Built-in earth wire to prevent electromagnetic interference in the field
- PA-711 flow cell maintains constant flow

Technical parameter	
Product type:	innoSens 710
Measuring range:	0-2.000/0-20.00ppm (mg/L)
Resolution:	0.001/0.01ppm
Accuracy:	±2%f.s.
Temperature compensation:	PT1000 (optional)
pH compensation:	0-60℃
Operating temperature:	Manual pH compensation
Recommended flow rate:	10-30l/h
Electrode material:	Glass
Threaded connection:	PG13.5
Cable length:	3m as standard, 10m optional
Size:	φ12mm×120mm



Order Guide

Order No.	Description
37-0710-00	innoSens 710 Double platinum electrode, cable 3m
37-0710-10	innoSens 710 Double platinum electrode, cable 10m
37-0710-20	PT1000 Temperature probe, PA-711 for flow cell
50-0711-00	PA-711 Flow cell, Acrylic