

innoCon 6800I

# Ion Concentration Analyzer

## Measuring parameter

- Measuring range
- Resolution
- Accuracy

## Features

- The latest wide power input, super anti-interference design
- Flame retardant plastic bite shell, more textured
- Large-screen backlit LCD displays measured values, temperature and relay status
- Chinese/English menu, easy to operate
- Password protection to prevent unauthorized operations
- Quick new calibration step tips to help reduce operational errors
- NEMA4X/IP65 protection grade, multiple installation methods
- 2 groups can set Hi/Lo relay output
- Automatic cleaning relay output
- 2 way 4-20mA current / RS485 Modbus output
- One button to restore factory settings



The innoCon 6800I intelligent controller is designed for water treatment and industrial process monitoring. The innoSens ion selective electrode measures ion concentration and temperature in water. PT1000 automatic temperature compensation, more installation method, standard 4-20mA/RS485 and a variety of control function output. Chinese and English menu, user can Self programming.

## Application

- Semiconductor industry
- Photovoltaic industry
- Boiler feed water
- Condensate

## Specification

Parameter	Ion	mV
Measuring range:	0.00~20000ppm	-1000.0~1000.0mV
Resolution:	0.01/0.1/1 ppm	0.1 mV
Accuracy:	±1 ppm	±0.2 mV

Temp. compensation	Pt 1000/NTC 10K
Temp. compensation range:	4Max 600Ω
Working temperature:	0~70.0°C
Storing temperature:	-20°C~70.0°C
Input resistance:	>1012Ω
Display:	Backlit large dot matrix LCD
Analog output 1:	Isolated 4-20mA output, can set the measured value, the maximum load is 500Ω
Analog output 2:	Isolated 4-20mA output, temperature setting, maximum load 500Ω
Communication:	RS485 Modbus RTU
Alarm output:	2 channels of ON/OFF contacts, independent setting of Hi/Lo alarm point, With hysteresis setting 5A/250VAC, 5A/30VDC
Washing relay:	Washing interval: 0.1-1000h; washing time: 1-1000s
Language:	English/Chinese
Power supply:	90-260VAC, 50/60Hz; 24VDC optional
Protection class:	IP65
Installation type:	Wall/panel/pipe installation
Dimension:	144 x 144 x 110mm
Opening size:	138 x 138mm
Weight:	0.85KG

### innoSens 510 fluoride ion ion electrode

Applicable to water bodies that need to monitor chloride ions, generally used in conjunction with PA-125 flow cell.

### innoSens 510 chloride ion electrode

Applicable to water bodies that need to monitor chloride ions, generally used in conjunction with PA-712 flow cell.

### Order Guide

Order No.	Type	Descriptions
33-6800-10	innoCon 6800I	Ion Concentration controller, 90 - 260V AC
33-6801-54	innoCon 6800I	Ion Concentration controller, 24V DC
35-0510-00	innoSens 510	Fluoride ion sensor, 0.02-2000ppm, 6m cable
50-0520-00	innoSens 520	Chloride ion sensor, 2-20000ppm, 6m cable