



Digital Residual Chlorine Sensor

CIS-100 residual chlorine sensor is a new generation smart digital sensor for detecting water quality that is membrane free and this feature eliminates the need to replace the membrane. This sensor can accurately measure the amount of residual chlorine in water instantaneously and quickly.

- High sensitivity and fast response.
- Good stability and long life.
- Easy maintenance with low cost.
- Multipurpose sensor.

This sensor has a two-way standard Modbus RTU (RS485) communication protocol that makes it easy to control and output from the sensor.

It also has an internal protection circuit of the power supply, which guarantees the long life of the sensor.

Features

- Isolated design of power supply and output to ensure electrical safety.
- It has an internal protection circuit of the power supply.
- RS485 Modbus RTU signal output Durable body and long life.
- Integrated memory saves calibration and settings after power off.
- Can be used in Chlorine control in swimming pools.
- Continuous monitoring and control of residual chlorine in drinking water treatment plants.
- Drinking water distribution networks.
- Hospital wastewater treatment projects.
- Can be installed on different transmitters.
- Automatic temperature compensation.

CIS-100



specifications

Response time	30s
Sensor accuracy	1% F.S.
Temperature compensation	-10.0 ~ 110.0 °C
Measurement range	0.00 ~ 20.00 mg/L
Body type	POM +Glass
Clarity	0.01mg / L
Installation method	Easy installation PG13.5 Gland
Power supply	DC 12V
Communication interface	RS485 Modbus
Sensor type	Three-electrode platinum

General dimensions :

