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# Product Brochure

Become a global leader in water quality analysis

NiuBoL

Changsha Zoko Link Technology Co., Ltd.

# FUV online full-spectrum multiparameter sensor

## Product Introduction

The FUV-408 online full-spectrum multi-parameter sensor uses a xenon lamp as a light source. It can emit all wavelengths of light from near ultraviolet to near infrared and collect a full range of spectral information through a micro-fiber spectrometer.In addition, a specific algorithm is used to compensate for the attenuation of the optical path and to eliminate the interference of granular suspended impurities to a certain extent, thereby achieving a more stable and reliable measurement.

## Product Features


## Parameters

| | |
|---|---|
| Model | FUV-408 |
| Measurement Principle | Full spectrum absorption method |
| Output Signal | RS-485 (Modbus/RTU) |
| Power Supply | 12VDC |
| Power Consumption | 5W@12V |
| Working Conditions | 0 ~ 45℃、<0.1MPa |
| Storage Temperature | -5 ~ 65℃ |
| Protection Grade | IP68 |
| Installation | Immersion Installation |
| Cable Length | 5 meters, other lengths can be customized |
| Wetted Material | 316L stainless steel |

## Technical Parameter

| Detected Substances | Measuring Range | Accuracy | Resolution |
|---|---|---|---|
| COD | 0 ~ 200mg/L equiv. KHP | ±5%F.S. | 0.1mg/L |
| Color | 0 ~ 500Hazen | ±5%F.S. | 0.1Hazen |
| TOC | 0 ~ 150mg/L | ±5%F.S. | 0.1mg/L |
| Turbidity | 0 ~ 400NTU | ±5%F.S. | 0.1NTU |
| BOD | 0 ~ 150mg/L | ±5%F.S. | 0.1mg/L |
| UV254 | 0 ~ 1.5AU | ±5%F.S. | 0.0001AU |
| TP | 0 ~ 15mg/L | ±5%F.S. | 0.1mg/L |
| TN | 0 ~ 100mg/L | ±5%F.S. | 0.1mg/L |
| NHN | 0 ~ 80mg/L | ±5%F.S. | 0.1mg/L |
| Nitrate | 0 ~ 15mg/L | ±5%F.S. | 0.01mg/L |
| Nitrite | 0 ~ 10mg/L | ±5%F.S. | 0.01mg/L |
| Permanganate | 0 ~ 100mg/L | ±5%F.S. | 0.1mg/L |

# Online COD sensor

## Product Introduction

Many organic substances dissolved in water absorb ultraviolet light. Therefore, by measuring the absorption degree of these organic substances to 254nm wavelength ultraviolet light, the content of organic pollutants dissolved in water can be accurately measured. The COD-408 online COD sensor uses two light sources, one ultraviolet light is used to measure the COD content in water, and one reference light is used to measure the turbidity of water. In addition, a specific algorithm is used to compensate for the attenuation of the light path and to eliminate the interference of particulate suspended impurities to a certain extent, thereby achieving more stable and reliable measurement.

## Product Features


## Application environment

The higher the COD(chemical oxygen demand), the more serious the degree of pollution of the water body, which is suitable for the occasions that need to monitor COD such as rivers and lakes, surface water, sewage, underground pipe network water environment monitoring.

## Technical Parameters

| Model | COD-408 |
|---|---|
| Measurement Principle | Dual wavelength UV absorption |
| Measuring range & resolution | COD: 0 ~ 200 mg/L 0.1 mg/L; 0 ~ 500 mg/L 0.1 mg/L; 0 ~ 1500 mg/L 0.1 mg/L<br>Turbidity: 0 ~ 200 NTU 0.1 NTU; 0 ~ 400 NTU 0.1 NTU; 0 ~ 1000 NTU 0.1 NTU |
| Accuracy | ±5%,±0.3℃ |
| Cleaning method | Auto cleaning brush |
| Temperature compensation | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 、4-20 mA |
| Working conditions | 0 ~ 60 ℃，≤0.2 MPa |
| Wetted material | 316L |
| Installation | Input installation，3/4 NPT |
| Power consumption | 0.4W@12V（Working）0.2W@12V（Cleaning） |
| Power Supply | 12 ~ 24V DC |
| Protection grade | IP68 |

# Online ammonium sensor

## Technical Parameters

| Model | NHN-206 | | NHN-406 | |
|---|---|---|---|---|
| Measurement Principle | Ion selection method | | Ion selection method | |
| Measuring range resolution Accuracy | 0 ~ 10.00 mg/L | 0.01 mg/L,0.1℃ | 0~10.00 mg/L | 0.01 mg/L |
| | 0 ~ 100.00 mg/L | 0.01 mg/L,0.1℃ | 0~100.00 mg/L | 0.01 mg/L |
| | 0 ~ 1000.0 mg/L | 0.1 mg/L,0.1℃ | 0~1000.0 mg/L | 0.1 mg/L |
| | 0 ~ 10.00 mg/L<br>0 ~ 100.00 mg/L | ±10%(of the reading) Or ±1 mg/L (whichever is greater) ±0.5℃ | ±10%(of the reading) Or ±1 mg/L(whichever is greater), ±0.5℃ | |
| | 0 ~ 1000.0 mg/L | ±10%(of the reading) ±0.5℃ | | |
| Calibration | Two-point calibration | | Two-point calibration | |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | | Automatic Temperature Compensation(Pt1000) | |
| Output signal | RS-485(Modbus RTU) | | RS-485(Modbus RTU)、4-20 mA | |
| Working conditions | 0 ~ 40℃, <0.1 MPa, 4 ~ 10 pH | | 0 ~ 40℃, ≤0.1 MPa, 4 ~ 10 | |
| Wetted material | ABS、PVC、POM | | PVC、316L | |
| Installation | Immersion installation, 3/4 NPT | | Input installation , 3/4 NPT | |
| Power consumption | 0.2W@12V | | 0.2W@12V | |
| Power supply | 12 ~ 24V DC | | 12 ~ 24V DC | |
| Protection grade | IP68 | | IP68 | |





## Technical Parameters

| Model | NHN-407C | | | |
|---|---|---|---|---|
| Measurement Principle | Ion selection method | | | |
| Measuring Range & Resolution | NH4+<br>0 ~ 100.0 mg/L<br>0.1 mg/L | pH<br>0 ~ 14.0 pH<br>0.01 pH | K+<br>0-100.0 mg/L<br>0.1 mg/L | Temperature<br>0 ~ 35.0℃<br>0.1 ℃ |
| Accuracy | NH4+<br>±10% | pH<br>±0.2 pH | Temperature<br>±0.1℃ | |
| Calibration | Two-point calibration | | | |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | | | |
| Output signal | RS-485(Modbus RTU) | | | |
| Working conditions | 0 ~ 35℃, <0.1MPa, 4-9pH | | | |
| Wetted material | PVC、POM | | | |
| Installation | Input installation, 3/4NPT | | | |
| Power consumption | 0.5W@12V | | | |
| Power supply | 12 ~ 24VDC | | | |
| Protection grade | IP68 | | | |

# Online pH sensorr



## Product Features

1.Easy connection to third party devices such as PLCS, DCS, industrial control computers, universal controllers, paperless recording instruments or touch screens.
2.Double high-impedance differential amplifier,  strong anti-interference, fast response speed.
3.The reference system is very stable, and the electrode life is doubled longer than that of ordinary industrial electrodes.
4.Easy to install "3/4"NPT pipe threads for immersion installation or installation in pipes and tanks.

## Technical Parameters

| Model | PHG-206 | iPH-306 |
|---|---|---|
| Measurement Principle | Glass electrode method | Glass electrode method |
| Measuring Range & Resolution | 0 ~ 14.00 0.01 | 0 ~ 14.00  0.01 |
| Accuracy | ±0.1，±0.3℃ | ±0.1 ，±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485(Modbus RTU) | RS-485 (Modbus RTU) |
| Working conditions | 0 ~ 50℃，≤0.2MPa | 0 ~ 50 ℃，≤0.2 MPa |
| Wetted material | ABS/PC alloy | POM |
| Installation | Immersion installation，3/4 NPT | Immersion installation，1/2 NPT |
| Power consumption | 0.2W@12V | 0.1W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |



## Application Environment

Suitable for occasions that require pH monitoring, such as surface water, water treatment, secondary water supply, aquaculture, industrial water monitoring, etc.

## Technical Parameters

| Model | PHG-406 |
|---|---|
| Measurement Principle | Glass electrode method |
| Measuring Range & Resolution | 0 ~ 14.00  0.01 |
| Accuracy | ±0.1；±0.3℃ |
| Calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA |
| Working conditions | 0 ~ 50 ℃，≤0.2 MPa |
| Wetted material | POM&316L |
| Installation | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V |
| Power supply | 12 ~ 24V DC |
| Protection grade | IP68 |

# Online dissolved oxygen sensor

## Product Features

1 .Self-developed fluorescent membrane, unique anti-oxidation, anti-fouling and wear-resistant coating, accurate measurement, long service life.
2 .No polarization fluorescence measurement, no requirement for flow rate, no need for polarization, T98<30 seconds.
3.Strong anti-interference ability, imported chips and light source components, small drift, strong anti-interference, stable data.

## Technical Parameters

| Model | RDO-206 | iDO-306 |
|---|---|---|
| Measurement Principle | Fluorescence method | Fluorescence method |
| Measuring Range and Resolution | 0～20.00 mg/L(0～200%saturation，25℃) 0.01mg/L，0.1℃ | 0～20.00 mg/L(0～200%saturation，25℃) 0.01 mg/L, 0.1℃ |
| Accuracy | ±2%，±0.3℃ | ±2%，±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485(Modbus RTU) | RS-485 (Modbus RTU) |
| Working conditions | 0～50℃，≤0.2MPa | 0～50 ℃，≤0.2 MPa |
| Wetted material | POM, ABS/PC alloy, 316L stainless steel | POM，ABSand316L |
| Installation | Immersion installation，3/4 NPT | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12～24V DC | 12～24V DC |
| Protection grade | IP68 | IP68 |



## Application Environment

The integrated online dissolved oxygen sensor is suitable for all occasions that need to measure dissolved oxygen, such as surface water monitoring, water treatment, aquaculture and other industries.

## Technical Parameters

| Model | RDO-406 |
|---|---|
| Measurement Principle | Fluorescence method |
| Measuring Range & Resolution | 0～20.00 mg/L(0～200%saturation，25℃)0.01 mg/L，0.1℃<br>0～50.00 mg/L(0～500%saturation，25℃) 0.01mg/L，0.1℃ |
| Accuracy | ±2%：±0.3℃ |
| Calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA (Optional) |
| Working conditions | 0～50 ℃，≤0.2 MPa |
| Wetted material | 316L |
| Installation | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V |
| Power supply | 12～24V DC |
| Protection grade | IP68 |

# Online turbidity sensor

## Product Features

1.90° Angle scattered light principle, built-in temperature sensor.
2.Fiber optic structure, strong resistance to external light interference.
3.Infrared LED light source, high stability.
4.Convenient, fast, stable, easy to maintain.

## Technical Parameters

| Model | ZS-206 | iZS-306 |
|---|---|---|
| Measurement Principle | Scattered Light Method | Scattered Light Method |
| Measuring Range & Resolution<br>Accuracy | 0 ~ 20.00NTU 0.01NTU/0.1℃ ±5%或±3NTU(0 ~ 1000.0NTU)<br>0 ~ 200.0NTU 0.01NTU/0.1℃ ±3%或±2NTU(0 ~ 200.0NTU)<br>0 ~ 1000.0NTU 0.1NTU/0.1℃ ±3%或±1.5NTU(0 ~ 20.00NTU)±0.3℃ | 0 ~ 1000 NTU 0.1 NTU<br>±5%or≤±3NTU, The larger one shall prevail，±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485(Modbus/RTU) | RS-485 (Modbus RTU) |
| Storage temperature | -5 ~ 65℃ | -5 ~ 65℃ |
| Working conditions | 0 ~ 50℃，<0.2MPa | 0 ~ 50 ℃，≤0.2 MPa |
| Wetted material | POM、ABS | POM、316L |
| Installation | Immersion installation，3/4NPTpipe thread | Immersion installation，1/2 NPT |
| Power consumption | 0.2W@12V | 0.1W@12V |
| Power supply | 12 ~ 24VDC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |



## Application Environment

It is suitable for all occasions that need to measure turbidity, such as surface water monitoring, water treatment, secondary water supply, agricultural water, industrial water monitoring and other industries.

## Technical Parameters

| Model | ZS-408 |
|---|---|
| Measurement Principle | Scattered light method |
| Measuring Range | 0~20 NTU 0~200 NTU 0~1000 NTU 0~4000 NTU |
| Resolution | 0.01 NTU 0.1 NTU 0.1 NTU 0.1 NTU |
| Accuracy | ±3% or±1.5 NTU (whichever is greater)<br>±5% or ±3 NTU (whichever is greater)<br>0-200 NTU：±20 NTU；<br>200-4000 NTU：±5%；±0.3℃ |
| Calibration | Two-point calibration |
| Cleaning method | Auto cleaning brush |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA(Optional) |
| Working conditions | 0 ~ 60 ℃，≤0.2 MPa |
| Wetted material | 316L |
| Installation | Immersion installation,3/4 NPT |
| Power consumption | 0.2W@12V |
| Power supply | 12 ~ 24V DC |
| Protection grade | IP68 |

# Online Conductivity/Salinity Sensor




## Product Features

1 .Easy connection to third party devices such as PLCS, DCS, industrial control computers, universal controllers, paperless recording instruments or touch screens.

2 .Immersion installation mounting with 3/4NPT pipe thread for easy immersion installation or installation in pipes and tanks.

## Technical Parameter

| Model | DDM-206 | DDM-206 |
|---|---|---|
| Monitoring parameter | Conductivity | Salinity |
| Measurement Principle | Electrode method | Electrode method |
| Measuring Range & Resolution | 0 ~ 200 μS/cm (TDS 0-100 mg/L) 0 ~ 5000 μS/cm (TDS 0-3000 mg/L) 0 ~ 20000 μS/cm 0 ~ 20 mS/cm 0 ~ 200 mS/cm 0.01/0.1/1 (Depending on the range) 0.1 | 0 ~ 70.0 PSU 0.1 PSU |
| Accuracy | ±1.5% (of the reading), ±0.3℃ | ±1.5%, ±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485(Modbus RTU) | RS-485 (Modbus RTU) |
| Working conditions | 0 ~ 50℃, ≤0.6MPa | 0 ~ 50 ℃, <0.6 MPa |
| Wetted material | 316LandPOM、ABSandABS/PCalloy | ABSandPOM |
| Installation | Immersion installation, 3/4 NPT | Immersion installation, 3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |



## Application Environment

It is suitable for all occasions that need to measure conductivity, such as surface water, agricultural water, industrial water monitoring and other industries.

## Technical Parameters

| Model | iEC-306 | DDM-406 |
|---|---|---|
| Monitoring parameter | Conductivity | Conductivity |
| Measurement Principle | Electrode method | Contact electrode method |
| Measuring Range & Resolution | 0 ~ 5000 μS/cm 1 μS/cm | 0 ~ 5000 μS/cm 1 μS/cm |
| Accuracy | ±1.5%, ±0.5℃ | ±1% (of the reading), ±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU) | RS-485 (Modbus RTU)、4-20 mA (Optional) |
| Working conditions | 0 ~ 50 ℃, ≤0.6 MPa | 0 ~ 50℃, ≤0.6 MPa |
| Wetted material | ABSandPOM | 316L |
| Installation | Immersion installation, 1/2 NPT | Immersion installation, 3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |

# Online ORP Sensor

## Product Features

1. Easy to connect to PLC, DCS, industrial control computer, universal controller, paperless recording instrument or touch screen and other third party equipment.
2.Dual high-impedance differential amplifier, strong anti-interference, fast response speed.
3. Patented ORP electrode, the internal reference liquid at a pressure of at least 100 kpa (1Bar), extremely slow seepage from the microporous salt bridge, its positive seepage for more than 20 months. Such a reference system is very stable, and the electrode life is doubled longer than that of ordinary industrial electrodes.

## Technical Parameters

| Model | ORP-206 | iORP-306 |
|---|---|---|
| Measurement Principle | Platinum electrode method | Platinum electrode method |
| Measuring Range & Resolution | -1500 ~ +1500mV 1mV | -1500 ~ +1500 mV 1 mV |
| Accuracy | ±20mV | ±10 mV |
| Calibration | One-point calibration | One-point calibration |
| Temperature Compensation | / | / |
| Output signal | RS-485(Modbus/RTU) | RS-485(Modbus/RTU) |
| Working conditions | 0 ~ 50℃，≤0.2MPa | 0 ~ 50℃，≤0.2MPa |
| Wetted material | ABS/PCAlloy | POM |
| Installation | Immersion installation，3/4NPTPipe thread | Immersion installation，1/2NPTPipe thread |
| Power consumption | 0.2W@12V | 0.1W@12V |
| Power supply | 12 ~ 24VDC | 12 ~ 24VDC |
| Protection grade | IP68 | IP68 |



## Application Environment

It is suitable for environmental water quality monitoring, acid/alkali/salt solution, chemical reaction process, and industrial production process, and can meet the requirements of most industrial applications for online ORP measurement.

## Technical Parameters

| Model | ORP-406 |
|---|---|
| Measurement Principle | Platinum electrode method |
| Measuring Range & Resolution | -2000 ~ +2000mV 1mV |
| Accuracy | ±6mV |
| Calibration | One-point calibration |
| Temperature Compensation | / |
| Output signal | RS-485(Modbus/RTU)、4-20 mA(Optional) |
| Storage temperature | -5 ~ 65℃ |
| Working conditions | 0 ~ 50℃，≤0.2MPa |
| Wetted material | POMand316L |
| Installation | Immersion installation，3/4NPTPipe thread |
| Power consumption | 0.2W@12V |
| Power supply | 12 ~ 24VDC |
| Protection grade | IP68 |

# Online residual chlorine sensor

## Application Environment

It is suitable for the study, investigation and monitoring of rivers, lakes, ponds, oceans, aquaculture, drinking water sources, algae and phytoplankton status.

## Technical Parameters

| Model | CL-206 | iCL-306 |
|---|---|---|
| Measurement Principle | Constant voltage method | Constant voltage method |
| Measuring Range & Resolution | 0 ~ 2.000mg/L(HClO) 0.001 | 0 ~ 2.000mg/L(HClO) 0.001 |
| Accuracy | of the reading±5%or±0.05mg/L，±0.3℃ | ±5%or±0.1mg/L，±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485(ModbusRTU) | RS-485(ModbusRTU) |
| Working conditions | 5 ~ 50℃，≤0.2MPa，pH：4 ~ 9 | 5 ~ 50℃，≤0.2MPa，pH：4 ~ 9 |
| Wetted material | ABS/PCAlloy | POM |
| Installation | Flow cell mounting，3/4NPT | Flow cell mounting，1/2NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24VDC | 12 ~ 24VDC |
| Protection grade | IP68 | IP68 |



## Technical Parameters

| Model | CL-406 |
|---|---|
| Measurement Principle | Constant voltage method |
| Measuring Range & Resolution | 0 ~ 2 mg/L(HClO) 0.001 mg/L<br>0 ~ 20 mg/L(HClO) 0.01 mg/L |
| Accuracy | (of the reading)±5%or ±0.05 mg/L，±0.3℃ |
| Calibration | Two-point calibration |
| Temperature Compensation | Automatic Temperature Compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU) (Optional) |
| Working conditions | 5~50℃，≤0.2MPa，PH4~9 |
| Wetted material | POMand316L |
| Installation | Flow cell mounting，3/4NPT |
| Power consumption | 0.2W@12V |
| Power supply | 12 ~ 24V DC |
| Protection grade | IP68 |

# Online residual chlorine analyzer


## Product Introduction

CLX-300 residual chlorine analyzer adopts dual channel dynamic pump for timed and quantitative extraction, without external flow pressure and flow regulating valve, solenoid valve for adjustment, no flow rate requirements. Monitoring frequency can be set to reduce reagent consumption, extend service time and maintenance cycle, intelligent fault self-diagnosis system can remotely diagnose and set abnormal parameters; Touch control screen can view the detection data ; The system has the function of storing historical data and alarm information inquiry. It is suitable for measuring the residual chlorine in the process of chlorination and monitoring the residual chlorine in drinking water network.

## Product Features

No flow requirement

Adjustable monitoring frequency

Fault self-diagnosis

Touch screen control

Historical data storage

Alarm information inquiry

## Application Environment

It is suitable for residual chlorine measurement in the process of chlorination disinfection and monitoring of residual chlorine concentration in drinking water pipe network.

## Technical Parameters

| Model | CLX-300 |
|---|---|
| Measurement Principle | Absorption photometry |
| Measuring Range & Resolution | 0-5.000 mg/L 0.001 |
| Accuracy | ±0.1 mg/L |
| Calibration | Two-point calibration |
| Output signal | RS-485(Modbus RTU) |
| Working conditions | Normal Pressure and Temperature |
| Wetted material | PP |
| Installation | Wall mounting |
| Power consumption | 10W@220V |
| Power supply | 220V AC |
| Protection grade | IP65 |

# Online total suspended solids/ MLSS sensor

## Product Features

1.90° angle scattered light method, built-in temperature sensor.

2. Fiber optic structure, strong resistance to external light interference.

3. Infrared LED light source, high stability.

4. Convenient, fast, stable and easy to maintain.

## Technical Parameters

| Model | TSS-408 | MLSS-408 |
|---|---|---|
| Measurement Principle | Scattered light method | Scattered light method |
| Measuring Range & Resolution | 0 ~ 2000 mg/L 0.1 mg/L | 0 ~ 20 g/L 0.001 g/L |
| Accuracy | ±5%(of the reading), ±0 3℃ | ±5%(of the reading) (depending on sludge homogeneity) ±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Cleaning method | Built-in cleaning brush | Built-in cleaning brush |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA | RS-485 (Modbus RTU)、4-20 mA |
| Working conditions | 0 ~ 60 ℃，≤0.2 MPa | 0 ~ 60 ℃，≤0.2 MPa |
| Wetted material | 316L | 316L |
| Installation | Immersion installation，3/4 NPT | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |



# Online transparency sensor

## Product Features

1. Pollution-free, economic and environmentally friendly

2. With a cleaning brush, preventing impurities and microorganisms attached

3. Long-term monitoring data has small drift and good stability

## Technical Parameters

| Model | TPS-206 |
|---|---|
| Measurement Principle | Visible light absorption method |
| Measuring Range & Resolution | 50 ~ 2000 mm 1 mm |
| Accuracy | ±10%； ±0.3℃ |
| Calibration | Two-point calibration |
| Cleaning method | Built-in cleaning brush |
| Temperature compensation | Automatic temperature compensation (Pt1000) |
| Output signal | RS-485 (Modbus RTU) |
| Working conditions | 0 ~ 60 ℃，≤0.2 MPa |
| Wetted material | POMand316L |
| Installation | Immersion installation |
| Power consumption | 0.2W@12V |
| Power supply | 12 ~ 24V DC |
| Protection grade | IP68 |

# Online chlorophyll sensor

## Application Environment

It is suitable for the study, investigation and monitoring of rivers, lakes, ponds, oceans, aquaculture drinking water sources, algae and phytoplankton status.

## Technical Parameters

| Model | CHLO-406 | CHLO-408 |
|---|---|---|
| Measurement Principle | Fluorescence method | Fluorescence method |
| Measuring Range & Resolution | 0 ~ 400.0 ug/L 0.1 ug/L | 0 ~ 400.0 ug/L 0.1 ug/L |
| Accuracy | ±3%(of the reading), ±0.3℃, Linear 0.999$R^2$ | ±3%(of the reading), ±0.3℃, Linear 0.999$R^2$ |
| Calibration | Two-point calibration | Two-point calibration |
| Cleaning method | / | Auto cleaning brush |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA( Optional) | RS-485 (Modbus RTU)、4-20 mA(Optional) |
| Working conditions | 0 ~ 50 ℃，≤0.2 MPa | 0 ~ 50 ℃，≤0.2 MPa |
| Wetted material | 316L | 316L |
| Installation | Immersion installation，3/4 NPT | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |



# Online blue-green algae sensor

## Application Environment

It is suitable for the determination of blue-green algae concentration in rivers, lakes, reservoirs, marine harbors ,red algae in mariculture farms and so on.

## Technical Parameters

| Model | BGA-406 | BGA-408 |
|---|---|---|
| Measurement Principle | Fluorescence Method | Fluorescence Method |
| Measuring Range & Resolution | 0 ~ 300 Kcells/mL 0.1 Kcells/mL | 0 ~ 300 Kcells/mL 0.1 Kcells/mL |
| Accuracy | ±3%(of the reading), ±0.3℃, Linear 0.999$R^2$ | ±3%(of the reading), ±0.3℃, Linear 0.999$R^2$ |
| Calibration | Two-point calibration | Two-point calibration |
| Cleaning method | / | Auto cleaning brush |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA(Optional) | RS-485 (Modbus RTU)、4-20 mA(Optional) |
| Working conditions | 0 ~ 50 ℃，≤0.2 MPa | 0 ~ 50 ℃，≤0.2 MPa |
| Wetted material | 316L | 316L |
| Installation | Immersion installation，3/4 NPT | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |

# Other water quality sensors




## Technical Parameters

| Model | COL-408 | OIL-408 |
|---|---|---|
| Monitoring Parameter | Color | Oil-in-water |
| Measurement Principle | Dual wavelength UV absorption | Fluorescence method |
| Measuring Range | Color 0 ~ 500Hazen Turbidity 0 ~ 200NTU | 0 ~ 40.00 mg/L |
| Accuracy | ±5%(of the reading) | ±3%(of the reading), ±0.3℃ |
| Resolution | 0.1Hazen 0.1NTU | 0.01 mg/L |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA(Optional) | RS-485(Modbus RTU)、4-20 mA (Optional) |
| Storage temperature | / | / |
| Working conditions | 0 ~ 45℃、<0.1MPa | 0 ~ 50℃, < 0.2 MPa |
| Wetted material | 316L | 316L |
| Installation | Immersion installation | Immersion installation, 3/4NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24VDC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |

| Model | NON-406 | TH-406 |
|---|---|---|
| Monitoring Parameter | Nitrate nitrogen | Hardness |
| Measurement Principle | Ion Selection Method | Ion Selection Method |
| Measuring Range | 0~1000.0mg/L | 0 ~ 1000.0mg/L |
| Accuracy | ±5%(of the reading) or ±2mg/L (whichever is greater); ±0.5℃ | ±10%(of the reading),±0.3℃ |
| Resolution | 0.1mg/L, 0.1℃ | 0.1mg/L,0.1℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensationPt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA(Optional) | RS-485(ModbusRTU)、4-20 mA (Optional) |
| Storage temperature | -5℃~40℃ | -5 ~ 40℃ |
| Working conditions | 0 ~ 40 ℃, ≤0.2 MPa | 0 ~ 40℃, ≤0.2MPa, pH: 4 ~ 10 |
| Wetted material | POMand316L | POMand316L |
| Installation | Immersion installation, 3/4 NPT | Immersion installation, 3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24VDC |
| Protection grade | IP68 | IP68 |

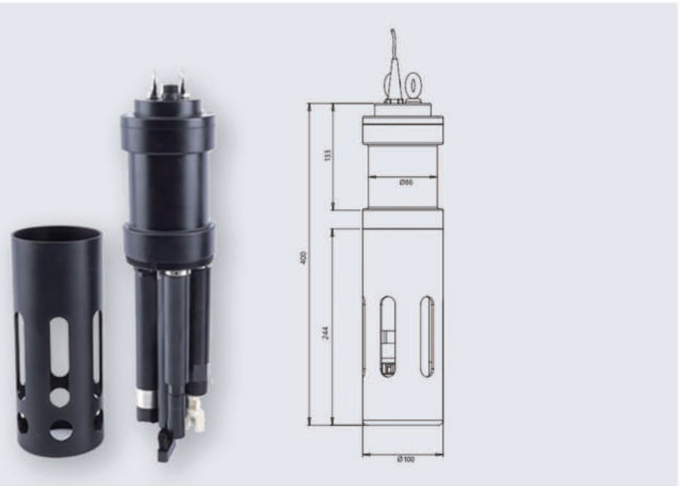
# Other water quality sensors

## Technical Parameters

| Model | CLI-406 | FLU-406 |
|---|---|---|
| Monitoring Parameter | Chloride ion | Fluoride ion |
| Measurement Principle | Ion Selection Method | Ion Selection Method |
| Measuring Range & Resolution | 0~3500 mg/L 0.1 mg/L<br>0~35000 mg/L 1 mg/L | 0~100 mg/L 0.01 mg/L |
| Accuracy | ±5%(of the reading), ±0.3℃ | ±10% (of the reading) Or ±1mg/L(whichever is greater), ±0.3℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU)、4-20 mA(Optional) | RS-485 (Modbus RTU)、4-20 mA(Optional) |
| Working conditions | 0 ~ 50 ℃，≤0.2 MPa，pH：2 ~ 12 | 0~40℃，<0.1MPa，PH：4~10 |
| Wetted material | POMand316L | POMand316L |
| Installatio | Immersion installation，3/4 NPT | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |

| Model | GA-406 | KA-406 |
|---|---|---|
| Monitoring Parameter | Calcium ion | Potassium ion |
| Measurement Principle | Ion Selection Approach | Ion Selection Approach |
| Measuring Range & Resolution | 0 ~ 100 mg/L 0.01 mg/L<br>0 ~ 1000 mg/L 0.1 mg/L | 0 ~ 100 mg/L 0.01 mg/L<br>0 ~ 1000 mg/L 0.1 mg/L |
| Accuracy | ±10%(of the reading) Or ±1mg/L, ±0.5℃ | ±10%(of the reading) Or ±1mg/L, ±0.5℃ |
| Calibration | Two-point calibration | Two-point calibration |
| Temperature compensation | Automatic temperature compensation(Pt1000) | Automatic temperature compensation(Pt1000) |
| Output signal | RS-485 (Modbus RTU) 、4-20 mA( Optional) | RS-485 (Modbus RTU) 、4-20 mA(Optional) |
| Working conditions | 0 ~ 40 ℃，≤0.1 MPa，PH：4~10 | 0 ~ 40 ℃，≤0.1 MPa，PH：4~10 |
| Wetted material | POMand316L | POMand316L |
| Installation | Immersion installation，3/4 NPT | Immersion installation，3/4 NPT |
| Power consumption | 0.2W@12V | 0.2W@12V |
| Power supply | 12 ~ 24V DC | 12 ~ 24V DC |
| Protection grade | IP68 | IP68 |

# Online multiparameter sensor


## Product Features

1. Integrated design that allows for simultaneous measurement of multiple parameters, suitable for long-term online monitoring.
2. Front-end protective cover effectively prevents foreign objects and biological damage to the sensor.
3. Equipped with an IP68 quick-connect waterproof connector, making disassembly and assembly convenient.
4. Automatic cleaning device that can effectively clean the sensor surface, preventing microbial attachment and reducing maintenance costs.

## Technical Parameters

| Model | iMP-302 |
|---|---|
| Monitoring parameters | Up to 5 parameters can be measured<br>other parameters: Dissolved oxygen, conductivity, pH, ORP, turbidity, etc. |
| Output signal | RS-485 (Modbus RTU) |
| Cleaning method | Built-in cleaning brush |
| Working conditions | 0～40 ℃，≤0.2 MPa |
| Wetted material | POMand316L |
| Installation | immersion installation |
| Power consumption | 2W@12V |
| Power supply | 12V DC±5% |
| Protection grade | IP68 |

## Application Environment

Suitable for water environments that require the measurement of multiple parameters, such as surface water, water conservancy and environmental protection, water treatment, and marine environmental monitoring.

## Technical Parameters

| Model | MPS-400 |
|---|---|
| Monitoring parameters | Up to 8 parameters can be measured<br>Optional Parameters:Dissolved oxygen, conductivity, pH, ORP, turbidity, salinity, ammonium, COD, total suspended solids, chlorophyll, blue-green algae, oil in water etc. |
| Output signal | RS-485 (Modbus RTU) |
| Cleaning method | Auto cleaning |
| Working conditions | 0～40 ℃，≤0.2 MPa |
| Wetted material | POMand316L |
| Installation | Immersion installation |
| Power consumption | 5W@12V |
| Power supply | 12V DC±5% |
| Protection grade | IP68 |

# Static pressure level sensor

## Product Features

1. Integrated measurement of water level temperature
2. Full range digital calibration, full temperature zone temperature error compensation
3.RS-485 interface and Modbus RTU standard communication protocol
4. Power reverse protection, overvoltage protection

## Technical Parameters

| Model | LEV-406 |
|---|---|
| Accuracy | < ±0.1% F·S (0.2%F.S, 0.5%F.S optional) |
| Measuring Range | 0 ~ 65m $H_2O$ |
| Long-term stability | < 0.1% F·S/year (0.2%F.S/year, 0.5%F.S/year optional) |
| Overload capability | 5X F·S |
| Temperature accuracy | ±0.2 ℃ (0 ~ 70 ℃) |
| Temperature resolution | 0.01 ℃ |
| Storage temperature | -40~125℃ |
| Supply voltage | DC5 ~ 30V (typical 24V) |
| Signal output | RS-485 (Modbus RTU) |
| Wetted material | 316L |
| Protection grade | IP68 |



# Doppler flow meter

## Product Features

1. Internal high precision temperature sensor can be used for water temperature measurement and sound speed compensation
2. Velocity area method flow measurement, suitable for full pipe and non-full pipe, can freely set the section water level relationship
3. Anti-corrosion shell design, capable of working in harsh environment for a long time
4. The data response time is fast and the measurement results are refreshed from time to time

## Technical Parameters

| Model | FLO-406 |
|---|---|
| Flow velocity | Measuring range : 0.02~6.5m/s (Expandable) ; Accuracy: ±1%±0.01 m/s; Resolution: 1 mm/s |
| Water depth | Measuring range : 0~10 m (Expandable) ; Accuracy: ±1 cm; Resolution: 1 mm |
| Flow rate | Measuring range : 0.001~999999999 $m^3/h$<br>Accuracy: ±2~3% (It varies according to the cross-sectional shape.) ; Resolution: 0.001 $m^3/h$ |
| Temperature | Measuring range : -20~65℃; Accuracy: ±0.5℃; Resolution: 0.1℃ |
| Power supply | DC 9~24 V |
| Power consumption | ≤1 W |
| Storage capacity | 2M (Expandable) |
| Storage temperature | -10~70℃ |
| Output signal | RS-485 (Modbus RTU) |
| Wetted material | ABS |
| Protection grade | IP68 |

# Cabinet analyzer


## Application

It is suitable for drinking water, surface water, municipal sewage and other environmental monitoring; Urban sewage treatment plants, chemical plants, paper mills, electroplating plants and other industrial wastewater monitoring.

## Technical Parameters

| Model | TP-300C | TN-300C |
|---|---|---|
| Monitoring parameter | Total phosphorus | Total nitrogen |
| Measurement principle | Ammonium Molybdate Spectrophotometry | Potassium persulfate oxidation UV spectrophotometry |
| Measuring range | 0-2 mg/L;0-10 mg/L;0-50 mg/L | 0-5mg/L，0-20 mg/L 0-50mg/L; Customizable |
| Zero drift | ±5% | ±5% |
| Repeatability | ≤3% | ≤3% |
| Range drift | ±5%F.S. | ±5%F.S. |
| Measurement cycle | 37min | 41min |
| Resolution | 0.001 mg/L | 0.001 mg/L |

## Product Features

Small size | Import components | Visual operation | Automatic calibration mode | High-temperature and high-pressure digestion

| Model | TA-300C | TC-300C | TM-300C |
|---|---|---|---|
| Monitoring parameter | Ammonium | COD | Permanganate index |
| Measurement principle | Salicylic acid spectrophotometry | Potassium dichromate oxidation spectrophotometry | Permanganate oxidation titration method |
| Measuring range | 0-2mg/L;0-10 mg/L;0-50mg/L; Customizable | 0-200 mg/L;0-500 mg/L;0-1000 mg/L; Customizable | 0-5mg/L;0-10 mg/L;0-20mg/L; Customizable |
| Zero drift | ±0.2mg/L | ±2mg/L | ±0.2mg/L |
| Repeatability | ≤±5% | ≤±5% | ≤±5% |
| Range drift | ±5%F.S. | ±5%F.S. | ±5%F.S. |
| Measurement cycle | 30min | 37min | 30min |
| Resolution | 0.001 mg/L | 0.001 mg/L | 0.001 mg/L |

# Water quality tester

MPS-H5

## Product Introduction

MPS-H5 is a multiparameter water quality meter, which can realize real-time online inversion of more than 10 kinds of water quality parameters when used with APP. Its accuracy is less than 10% compared with traditional laboratory chemical analysis methods, and the relative error of some water quality parameters can be less than 5%.

## Product Features


Easy operation | Flexible standby time | Light weight | Rich indicators




## Technical Parameters

| Model | MPS-H5 |
|---|---|
| Spectral range | 400-850 nm |
| Spectral resolution | 10 nm |
| Spectral sampling interval | 1 nm |
| Detector type | CMOS linear array detector |
| Size (mm) | 74x57x26 mm |
| Field angle | 5° |
| Connection mode | Bluetooth |
| APP system support | Android 9.0 or later |
| Weight | 75 g |
| Agronomic parameters | ≥16 kinds |

# Pen-shaped water quality tester




## Product Introduction

The Chemins pen water quality tester is designed for field and outdoor operations. It is a portable, pen-style precision instrument that can simultaneously display the corresponding measurement values and temperature readings. The instrument has stable functional safety and easy operation. Widely used in tap water source monitoring, aquaculture, environmental protection, printing and dyeing, electroplating, food and beverage industry and scientific research units to determine water quality conductivity.

## Technical Parameters

| Model | LEC-101 | LTDS-101 |
|---|---|---|
| Monitoring parameter | Conductivity | TDS |
| Measuring range | 0-2000uS/cm | 0-9999 mg/L |
| Accuracy | ± 2%F.S. | ±2%FS |
| Resolution | 1uS/cm | 1 PPM |
| Temperature compensation | Automatic temperature compensation | Automatic temperature compensation |
| Working conditions | 0 ~ 50℃ | 0 ~ 50℃ |
| Calibration | One-point calibration | One-point automatic calibration |
| Size | Φ40*185mm (including electrode) | Φ40*185mm (including electrode) |
| Weight | 88g (including electrode) | 88g |



## Application Environment

The instrument is suitable for tap water source monitoring, aquaculture, environmental protection, printing and dyeing, electroplating, medicine, food and beverage industries and scientific research units to determine water quality.

## Technical Parameters

| Model | LPH-101 | LYD-101 |
|---|---|---|
| Monitoring parameter | PH | Salinity |
| Measuring range | 0.1 ~ 14.0PH | 0-10% |
| Accuracy | ±0.2PH | ±0.2% |
| Resolution | 0.1PH | 0.1% |
| Working conditions | 0 ~ 50℃ | 0 ~ 50℃ |
| Size | Φ40*190mm | Φ40*185mm (including electrode) |
| Weight | 88g | 88g (including electrode) |

# Portable multiparameter water quality tester

EXO-204

## Product Introduction

1. Optionally install any sensor of our company, and connect up to 7 sensors at the same time to achieve eight measurement.
2. Optional installation of multiparameter iMP-302, to achieve measurement anytime and anywhere.
3. Large capacity storage, can store a total of 100,000 data.
4. Support sensor calibration.

## Application Environment

It has a wide range of applications and is suitable for various needs of users in different industries, such as sewage wastewater, river and lake water quality, water supply monitoring and aquaculture.

## Product Features

Multi-parameter intelligent reading

Support Chinese and English switching

Large capacity rechargeable battery

Special parameter switching reading

Adjustable screen brightness

Adjustable screen time

## Technical Parameters

| | |
|---|---|
| Model | EXO-204 |
| Display | 3.3-inch monochrome LCD display |
| Dimension | 200mm*101mm*36mm |
| Weight | 420g |
| Protection grade | IP65 |
| Power supply | 4 AA batteries |
| Relative humidity | 10~85%RH(Condensation-free) |
| Operating temperature | -10~60℃ |
| Transportation and storage conditions | Temperature:-15~65℃ Relative humidity:5~85%RH(Condensation-free) |

# Portable multiparameter water quality tester

MPS-P5 Water Quality Tester

## Product Introduction

The MPS-P5 is a precision instrument designed based on the working principles outlined in the water quality testing series standards issued by organizations such as the National Environmental Protection Agency and the National Standards Committee. The instrument uses a photometric colorimetric method to quantitatively measure water samples. During operation, the absorbance of the sample solution and the standard/control solution is first measured. Then, through analysis and calculation, the concentration of the target substance in the sample is determined. This instrument requires the use of water quality testing reagents.

## Product Features

Dozens of testing parameters

Imported cold light source

Wireless data transmission

4.3-inch color LCD touch screen

Support switching between Chinese and English

5 million data storage capacity

## Application Environment

This product has a wide range of applications, suitable for testing in wastewater, river and lake water quality, research in universities and medical biology, marine environments, and aquaculture.



## Technical Parameters

| | |
|---|---|
| Model | MPS-P5 |
| Operating wavelengths | 420nm 520nm，580nm，610nm |
| Wavelength bandwidth | 5±2（nm） |
| Detection Range | Absorbance value 0.000-3.000 |
| Light source | Cold light source |
| Resolution | 0.001 |
| Reading speed | 10s |
| Storage capacity | 5 million records |
| Display | 4.3-inch color LCD touch screen |
| Parameter switching | Automatic |
| Working conditions | Temperature：5℃~40℃；Relative humidity：30%~80% |
| Wavelength accuracy | ±2nm |

## Key Functional Parameters

| | | |
|---|---|---|
| 01 COD Low Range15-150mg/L | 14 Residual Chlorine LR 0-1.50mg/L | 27 Permanganate Index 0.5-4mg/L |
| 02 COD High Range150-2000mg/L | 15 Residual Chlorine HR 1-15.0mg/L | 28 Anionic Surfactant |
| 03 Ammonium Ultra Low Range0-1mg/L | 16 Total Chlorine 1-15.0mg/L | 29 Hexavalent Chromium |
| 04 Ammonium Low Range1-30mg/L | 17 Chlorine Dioxide 0-5.0mg/L | 30 Total Chromium 0-0.50mg/L |
| 05 Ammonium High Range10-150mg/L | 18 Nitrate Nitrogen LR 0.20-1.50mg/L | 31 Total Iron 0-5.00mg/L |
| 06 Ammonium (Salicylic Acid Method)0-30mg/L | 19 Nitrate Nitrogen MR 0.2–3.00mg/L | 32 Ferrous Iron 0-5.00mg/L |
| 07 Total Phosphorus High Range0.2-30mg/L | 20 Nitrate Nitrogen HR 10.0–60.0 mg/L | 33 Copper 0-5.0 |
| 08 Total Phosphorus Low Range0.02-2mg/L | 21 Nitrite Nitrogen 0.001-0.5mg/L | 34 Nickel 0-10.00mg/L |
| 09 Total Nitrogen Low Range0.5-30mg/L | 22 Phosphate LR 0.01-1.3mg/L | 35 Zinc 0-5.00mg/L |
| 10 Total Nitrogen High Range5-100mg/L | 23 Phosphate HR 1-100mg/L | 36 Manganese 0-5.00mg/L |
| 11 Color 0-500Hazen | 24 Sulfate | 37 Aluminum 0.02-0.50mg/L |
| 12 Turbidity0-800NTU | 25 Sulfite 5-500mg/L | |
| 13 Total Suspended Solids0-1500mg/L | 26 Sulfide 0.05-0.7mg/L | |

# Cleaning bracket

## Product Introduction

1. Equipped with an automatic cleaning system, effectively removing contaminants from the sensor surface and preventing microbial attachment.
2. Optional installation of sensors for dissolved oxygen, conductivity, turbidity, pH, ORP, etc., suitable for long-term online monitoring.
3.Capable of installing up to four sensors simultaneously, measuring five parameters.
4.Supports external applications such as jet pipelines, spray pipelines, ultrasonic cleaning heads, and sodium hypochlorite generators (for seawater fouling prevention).

## Technical Parameters

| Name | Clean-200 Self-Cleaning Bracket |
|---|---|
| Function | Automatically cleans the sensors, supports the installation of up to 4 sensors, and extends the sensor lifespan. |
| Operating temperature | -5 ~ 50℃ |
| Power supply | 12 ~ 24V DC |
| Cable specifications | Φ6mm, 4-core, 5 meters (customizable) |
| Working power consumption | 0.1W@12V |



# Flow cell

## Technical Parameters

| Name | Cell-100A | Cell-100B | Cell-200A |
|---|---|---|---|
| Model | Single hole flow cell | Single hole flow cell | Double hole flow cell |
| Material | Transparent acrylic+POM | Transparent acrylic | Transparent acrylic |
| Compatible sensors | All sensors with NTP3/4 threaded back end by our company | All sensors with NTP1/2 threaded front end by our company | All sensors with NTP3/4 threaded back end by our company |
| Flow speed control | 300~1000 mL/min | 500~700mL/min | 500~700mL/min |
| Using pressure | ≤0.2 MPa | ≤0.2MPa | ≤0.2MPa |
| Dimensions | φ60mm×255mm | 90mm×50mm×40mm | 1150mm×90mm×40mm |
| Connection pipe | Φ10PU pipe | 2min | 2min |
| Total height after sensor installation | 255mm+52mm (Discharge switch height) | 256mm | 265mm |
| Applicable scenarios | Pipeline networks, natural water bodies, etc. | Secondary water supply, natural water bodies, etc. | Pipeline networks, natural water bodies, etc. |

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# Product Brochure

Become a global leader in water quality analysis

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