

Product Image					
Product Name	**Smart PH Sensor (Economy Type)**	**Smart PH Sensor (Industrial Type)**	**Smart PH Sensor (Industrial Type)**	**Smart ORP Sensor (Industrial Type)**	**Smart ORP Sensor (Industrial Type)**
Product Model	FST100-PH105	FST100-PH105A	FST100-PH106	FST100-ORP105	FST100-ORP106
Measurement Range	PH: 0~14PH Temperature: 0~60°C	PH: 0~14PH Temperature: 0~60°C	PH: 0~14PH Temperature: 0~60°C	-1999mV~1999mV	-1999mV~1999mV
Output Signal	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485
Product Image					
Product Name	**Smart Conductivity Sensor**	**Smart Conductivity Sensor (Pure Water Dedicated)**	**Smart Dissolved Oxygen Sensor (Membrane Method)**	**Smart Dissolved Oxygen Sensor (Fluorescence Method)**	**Smart Dissolved Oxygen Sensor (Fluorescence Method)**
Product Model	FST100-EC106	FST100-EC107	FST100-DO105	FST100-DO106	FST100-DO106A
Measurement Range	0~2000/0~5000uS/cm 0~20/0~200mS/cm	0~20uS/cm	0~20mg/L Temperature: 0~60°C	0~20mg/L(0~200% saturation), Temperature: 0~50°C	0-20mg/L(0~200% saturation，25°C)
Output Signal	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485	RS485
Product Image					
Product Name	**Smart Residual Chlorine Sensor (Membrane Method)**	**Smart Residual Chlorine Sensor (Constant Voltage)**	**Smart Turbidity Sensor (Laser)**	**Intelligent Turbidity Sensor (High Range)**	**Intelligent Turbidity Sensor (Low Range)**
Product Model	FST100-YL106	FST100-YL107 FST100-YL107A	FST100-ZD101	FST100-ZD102 (Self-clean equipped) FST100-ZD102A	FST100-ZD103
Measurement Range	0~20mg/L	0~2.000mg/L(HClO) Temperature: 5~50°C	0~20NTU can be customized	0~400NTU, 0~4000NTU can be customized	0~100NTU can be customized
Output Signal	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485	4~20mA, RS485

Water Quality Monitoring

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Product Image				
Product Name	**Intelligent COD Sensor**	**Intelligent Ammonia Nitrogen Sensor**	**PH Sensor (Economy Type)**	**PH Sensor (Industrial type)**
Product Model	FST100-COD106	FST100-AT101A	FST100-PH101	FST100-PH101A
Measurement Range	COD: 0.5~500mg/L equiv. KHP Turbidity: 0~500NTU	0~100mg/L 0~1000mg/L	PH: 0~14PH Temperature: 0~60°C	PH: 0~14PH Temperature: 0~60°C
Product Image				
Product Name	**ORP Sensor (Economic Type)**	**Conductivity Sensor**	**Residual Chlorine Sensor (Membrane Method)**	**Residual Chlorine Sensor (Constant Voltage)**
Product Model	FST100-ORP101	FST100-EC101	FST100-YL101	FST100-YL102
Measurement Range	-2000~2000mV Temperature: 0~60°C	0~2000/0~5000μS/cm, 0~20mS/cm；Temperature: 0~50°C	0~20mg/L Temperature: 0~60°C	0~10mg/L(ppm) Temperature: 0~60°C

Product Image			
Product Name	**PH/ORP Controller**	**Conductivity Controller**	**Residual Chlorine Controller (Membrane Method)** **Residual Chlorine Controller (Constant Voltage)**
Product Model	FST100-PH1000	FST100-EC1000	FST100-YL1000 FST100-YL1000M
Measurement Range	PH：-2~16PH ORP：-2000~2000mV Temperature: -10~130°C	0.01 electrode: (0~20)μS/cm or (0.05~20)MΩ·cm 0.1 electrode: (0.2~200)μS/cm 1.0 electrode: (2~2000)μS/cm, max. up to 20000μS/cm 10.0 electrode: (0.02~20)mS/cm Temperature: -10~130°C	0~20mg/L 0~10mg/L
Output Signal	Two-channel 4~20mA (Measuring range configurable)	Current Output Isolated RS485 Output	Two-channel 4~20mA Output (Corresponding range configurable) RS485 Output (Optional)
Measurement Accuracy	PH: ±0.01PH ORP: ±1mV Temperature: ±0.3°C	Class 1.0	Residual Chlorine & Hypochlorous Acid: ±0.10mg/L PH: ±0.01PH Temperature: ±0.3°C
Panel Dimension	Overall: 108×108×132mm Cutout: 92.5×92.5 mm (+ tolerance)	Overall: 100X100X150.5mm Cutout: 92.5X92.5mm	Overall: 108X108mm Cutout: 92.5X92.5mm

Water Quality Monitoring

Product Image			
Product Name	**Water Quality Multi-Parameter Online Monitoring Instrument**	**Water Quality Multi-Parameter Online Monitoring Instrument**	**Online Water Quality Monitor**
Product Model	FST100-SZXT-01	FST100-SZXT-02	FST100-SZXT-03
Measurement Range	PH: 0~14PH ORP: ±1999mV Residual Chlorine: 0~2mg/L Turbidity: 0~100NTU Conductivity: 0~20mS/cm Dissolved Oxygen: 0~20mg/L Color: 0~500PCU (Parameters customizable; actual specifications subject to order confirmation.)	PH: 0~14PH ORP: ±1999mV Residual Chlorine: 0~2mg/L Turbidity: 0~100NTU Conductivity: 0~20mS/cm Dissolved Oxygen: 0~20mg/L Color: 0~500PCU (Parameters customizable; actual specifications subject to order confirmation.)	PH: 0~14PH ORP: ±1999mV Residual Chlorine: 0~2mg/L Turbidity: 0~100NTU Conductivity: 0~20mS/cm Dissolved Oxygen: 0~20mg/L Color: 0~500PCU (Parameters customizable; actual specifications subject to order confirmation.)
Transmission Method	RS485, 4G CAT1	RS485, 4G CAT1	RS485, 4G CAT1
Product Image			
Product Name	**Water Quality Multi-Parameter Self-Cleaning Monitor**	**Float-Type Online Water Quality Monitor**	**Floating-Type Online Water Quality Monitoring Instrument (Floating-Type + Pole-Mounted Electrical Control Cabinet)**
Product Model	FST100-SZXT-03A	FST100-SZXT-04	FST100-SZXT-04A
Measurement Range	Turbidity: 0~100NTU, 0~1000NTU PH: 0~14PH; Dissolved Oxygen: 0~20mg/L Residual Chlorine: 0~20mg/L Conductivity/Salinity: 0~5000μS/cm, 0~200mS/cm, 0~70PSU ORP: -1500mV~+1500mV COD: 0~200mg/L, 0~500mg/L (equiv. KHP) Ammonia Nitrogen: 0~100mg/L, 0~1000mg/L	Turbidity: 0~1000NTU Dissolved Oxygen: 0~20mg/L PH: 0~14PH Conductivity: 0~5000μS/cm Residual Chlorine: 0~20mg/L COD: 0~500mg/L	Turbidity: 0~1000NTU Dissolved Oxygen: 0~20mg/L PH: 0~14PH Conductivity: 0~5000μS/cm Residual Chlorine: 0~20mg/L COD: 0~500mg/L
Transmission Method	RS485	RS485	4G CAT1

Water Quality Monitoring

Product Image			
Product Name	**Floating-Type Online Water Quality Monitoring Instrument (Solar-Powered Integrated)**	**Online Water Quality Monitoring Instrument**	**Online Water Quality Monitoring Shore-Side Station**
Product Model	FST100-SZXT-05	FST100-SZXT-06	FST100-SZXT-07
Measurement Range	Turbidity: 0~1000NTU Dissolved Oxygen: 0~20mg/L PH: 0~14PH Conductivity: 0~5000μS/cm Residual Chlorine: 0~20mg/L COD: 0~500mg/L	Turbidity: 0~1000NTU Dissolved Oxygen: 0~20mg/L PH: 0~14PH Conductivity: 0~5000μS/cm Residual Chlorine: 0~20mg/L COD: 0~500mg/L	Turbidity: 0~1000NTU Dissolved Oxygen: 0~20mg/L PH: 0~14PH Conductivity: 0~5000μS/cm Residual Chlorine: 0~20mg/L COD: 0~500mg/L
Transmission Method	4G CAT1	4G CAT1	4G CAT1
Product Image			
Product Name	**Online Water Quality Monitoring Shore-Side Station**	**Water Quality Total Phosphorus Online Monitor**	**Water Quality Total Nitrogen Online Monitor**
Product Model	FST100-SZXT-08	FST100-ZL100	FST100-ZD100
Measurement Range	Turbidity: 0~1000NTU Dissolved Oxygen: 0~20mg/L PH: 0~14PH Conductivity: 0~5000μS/cm Residual Chlorine: 0~20mg/L COD: 0~500mg/L	0~0.8mg/L 0~2mg/L 0~8mg/L 0~60mg/L Expandable	0~2mg/L 0~10mg/L 0~50mg/L Expandable
Transmission Method	4G CAT1	Standard configuration: RS232/RS485, dual-channel 4~20mA Optional: Wireless IoT interface, linkage control interface	Standard configuration: RS232/RS485, dual-channel 4~20mA Optional: Wireless IoT interface, linkage control interface