

Multi-Parameter Water Quality On-line Monitor

COD/BOD, TUR/TSS & PH/ORP, TDS/CONDUCTIVITY



pH

COD

TSS

Features

Based on the measurement principles of optics and electrochemistry, the water quality five-parameter online monitor can monitor temperature, pH, Conductivity/TDS/Resistivity/Salinity, TSS/Turbidity, Dissolved Oxygen, COD, NH₃-N, FCL, Dissolved Ozone, Ions and other water quality items.

Display 7" color touch screen, operation interface, easy to operate

Data storage data storage, view, export function, set the storage cycle

Output a: 1 channel RS485 Modbus RTU standard protocol;

b: 2 switches, program control output (self-priming pump, automatic cleaning)

c: 5-channel 4-20mA program setting output (optional)

Password protection to correct the data, to prevent the non-professional action

Features:

1. Digital intelligent sensor can be arbitrarily combined, plug and play, and the controller can be recognized automatically;
2. It can be customized for single-parameter, double-parameter and multi-parameter controllers, which can save costs better;
3. Automatically read the internal calibration record of the sensor, and replace the sensor without calibration, thus saving more time;
4. New circuit design and construction concept, low failure rate, strong anti-interference ability;
5. IP65 protection level, applicable to indoor and outdoor installation requirements;

➤ Parameters

Project	Technical Parameters	Project	Technical Parameters
pH		COD	
Principle	Electrochemistry	Principle	UV
Range	0~14 pH	Range	0~1500mg/L or Customize
Accuracy	±0.3pH	Accuracy	±3%
Resolution	0.01pH	Resolution	0.01mg/L
MTBF	≥1440H	MTBF	≥1440H
BOD		Total suspended solids	
Principle	UV	Principle	90°infrared
Range	0~300mg/L or Customize	Range	0.-50,000mg/L or extended
Accuracy	±3%	Accuracy	±3%
Resolution	0.01mg/L	Resolution	0.01mg/L
Optional		Water Temperature	
Principle	Optional	Principle	Thermal resistance
Range	Optional	Range	0°C~100°C
Accuracy	±3%	Accuracy	±1%
Resolution	0.01	Resolution	0.1°C
Transmitter			
Dimensions	235*185*120mm, Wall mounting	Power supply	100 ~ 240VAC or 9 ~ 36VDC
IP Grade	IP65	Power	3W ~ 5W

*Specifications Subject to change for continuous improvement, Rev:1



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