WANH3-N 2001 AMMONIA NITROGEN ANALYZER

WANH3-N 2001 is a self-developed ammonia nitrogen online monitoring instrument, based on the global initiative magnetic conductivity measurement platform, combining with constant optical fiber and digestion colorimetric integration technology.

The product works in accordance with the technical requirements of HJ/T 536-2009 Water Quality Ammonia Nitrogen Measurement using Salicylic Acid Method. It has also passed the certification of CMC and CCEP.

Applications

- Sewage treatment plants
- Industrial production of water
- Wastewater treatment process
- Drinking water industry
- Process monitoring in industrial facilities

Features

High accuracy and reliable, strong anti-interference capabilities

- Magnetic conductivity measurement technology will be affected by chromaticity, suspended solids, and bubbles, especially for the monitoring of inlet water.
- Special design of flow and reagent ratio, high precision, low detection limit (0.01mg/l).
- Adopt constant optical fiber and light intensity compensation algorithm, small drift for long term operation.

Low maintenance

- Has a key self-check function, easy to bug,
- Self-diagnostic function, assisting user to analyze any failures
- Imported single channel high integration valve island which is simple and easy to maintain, dismantle and clean.
- All day networking for real time inspection of instrument running state.

High intelligent level

- Scan code function: rapidly obtain running/maintenance information of the instrument.
- Alarm function: provide intuitive and accurate information for grounding self-check, reagent insufficiency etc.
- Quality control: equipped with parallel sample test, standard sample verification and standard recovery rate detection.
- Reverse control function: start automatically by flow and pH.

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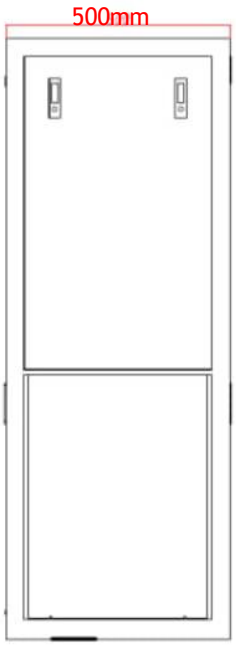
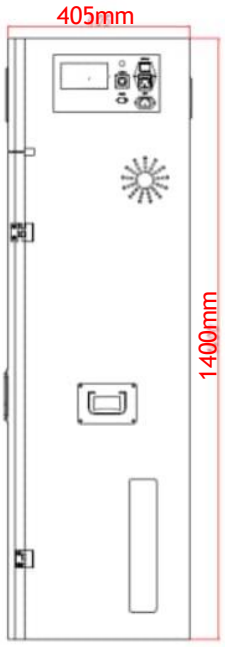
Technical Specification

Specification	
Method	Salicylic Acid Spectrophotometry
Measure range	0.01~2~10~100mg/l
Accuracy	±10% FS
Zero drift	<0.02mg/l
Span drift	<1%
Repeatability	±3%
Interval	Hourly and interval measurement; instrument can also be started by serial port
Maintenance	>2hr/month
Quantitative lower limit	0.01mg/l
Water sample Comparison	>2mg/l ±10% <2mg/l <0.2mg/l
Reagent	1 set reagents: 250 measurements (can be customized)
Interface	1 x 4-20mA I/O (expandable to 2) RS485/RS232/USB interface/WIFI/Bluetooth (optional)
Dimensions	1400 (h) x 405 (w) x 500 (d) mm
Ambient conditions	Temperature: 5~40°C
Power Supply	AC230V, 50 Hz
Power Consumption	200 W (not including pump)
Weight	70 kg



Side view



Front view

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