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WDet-5000 Ammonia Nitrogen Water Quality Online Analy...

Product Overview



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Based on our patented Permeance Measurement Technology Platform, combined with Constant Temperature Fiber Technology and Digestion Colorimetric Integration Technology, WDet-5000 Ammonia Nitrogen Water Quality Online Analyzer can achieve high precision, low detection limit, high stability and low maintenance of automatic ammonia nitrogen online monitoring. The product fully



| Features

- Permeance Measurement Technology will not be interfered by chromaticity, suspended solids and bubbles
- High reliability, strong ability to resist chromaticity, calcium and magnesium ions
- High detection precision, low LLOQ (0.01mg/L), small drift for long-term operation
- With one button self-test and self-diagnosis function
- Highly integrated valve terminal, each valve can be maintained, disassembled and cleaned individually
- Able to extend to all-day networking for real-time inspection of instrument running state
- Equipped with alarm function, quality control function and reverse control function

| Applications

Applied in environmental pollution source monitoring, industrial process water monitoring, municipal sewage processing, surface water monitoring, etc.

| Specifications

Measuring method: Salicylic Acid Spectrophotometry

Repeatability: $\leq 2\%$

Zero drift: $\leq 0.02\text{mg/L}$

Span drift: $< 1\%$

LLOQ: 0.01mg/L

Reagent: standard reagent can make 400 samples

Memory effect: $20\%F.S. \pm 0.3\text{mg/L}$

$80\%F.S. \pm 0.2\text{mg/L}$

Measurement interval: point measurement, interval measurement, or be started via serial port

Maintenance: < 2 hours/month

Ambient temperature: $5^{\circ}\text{C} \sim 45^{\circ}\text{C}$

Communication interface: RS485/RS232/USB interface
(optional)

1x4-20mA input/output (can be expanded to 2)

Power consumption: $200\text{W}(220 \pm 10\% \text{VAC } 50\text{Hz})$,
without sampling pump

Note: test method refers to the latest standards of
Environmental Certification

You May Also Like



WDet-5000CN Cyanide Water Quality Online Analyzer



MDet-5000Mn Permanganate Index Water Quality Analyzer



MDet-5000X Series Colorimetric Method Heavy Metal Water Quality Online Analyzer



WDet-5000 Ammonia Nitrogen Water Quality Online Analyzer (Salicylic Acid Method)

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