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WDet-5000 Total Phosphorus Water Quality Online Analyzer

Product Overview



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WDet-5000 is a new self-developed automatic online analyzer for measuring total phosphorus. Based on our patented Permeance Measurement Technology Platform, combined with Constant Temperature Fiber Technology and Digestion Colorimetric Integration Technology, it can achieve high precision, low detection limit, high stability and low maintenance of automatic TP online



| Features

- Permeance Measurement Technology will not be interfered by chromaticity, suspended solids and bubbles.
- High reliability, strong anti-interference capability.
- High detection precision, low LLOQ (0.05mg/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.

| Application

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

| Specifications

Measuring method: Ammonium Molyb

Range: 0.05~2/10/50mg/L (extensible)



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Span drift: $\pm 5\%$ F.S.

LLOQ: 0.05mg/L

Reagent: standard reagent can make 400 samples

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

Maintenance: <2 hours/month

Ambient temperature: 5°C~45°C

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

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

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

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

You May Also Like





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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