

PRODUCTS

[Home](#) > [Products](#) > [WDet-5000TPN Total Nitrogen Water Quality Online Analyzer](#)

WDet-5000TPN Total Nitrogen Water Quality Online Analyzer

Product Overview



Message



Email

WDet-5000TPN is a new self-developed automatic online analyzer for measuring total nitrogen. Based on our patented Permeance Measurement Technology Platform, combined with Xenon Lamp/Grating Spectrograph Technology and Digestion Colorimetric Integration Technology, it can achieve high precision, low detection limit, high stability and low maintenance of automatic TN online



| Features

- Permeance Measurement Technology will not be interfered by chromaticity, suspended solids and bubbles.
- High reliability, strong ability to resist turbidity.
- High detection precision, low LLOQ (0.1mg/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 functio.

| Application

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

| Specifications

Measuring method: Alkaline Potassium Persulfate
Digestion Ultraviolet Spectrophotometry

Repeatability: ±5%

Zero drift: ±5%F.S.

Span drift: ±5%F.S.

LLOQ: 0.1mg/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±10%VAC 50Hz), without sampling pump

Signal output: 1x4~20mA (can be expanded to 2)
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)

Products

News

Home