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WDet-7000 Integrated Water Quality Online Automatic Analyzer



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WDet-7000 integrated water quality online automatic analyzer is a highly integrated multi-parameter water quality analyzer. The instrument adopts a modular design, and each parameter adopts an independent sample injection and analysis module to achieve any combination of COD, ammonia nitrogen, total phosphorus, total nitrogen and various heavy metal analyzers



Serial capability, many suspended solids, and many samples

Single-channel highly integrated valve island technology,
easy to clean and disassemble, low cost and low
maintenance

Light intensity compensation algorithm, effectively solve the
long-term drift problem of field instruments

Extensible function of over-standard sample retention to
retain samples with abnormal data for manual analysis

Each module has independent sampling, digestion and
measurement functions without cross-inter-ference

Specifications

title	val
Measuring pinciple	Colorimertric, phenate or salicylate method
Measurement Parameter	COD, Ammonia Nitrogen, Total Phosphorus, Total Nitrogen, some heavy metals, other parameters can be customized
Measuring range	0-10/50 mg/L N-NH3 (other measuring range can be selected)
Accuracy	± 5%
Repeatability	≤ 5%
Digestion Time	Can be set according to the actual water sample onsite
Reagent Dosage	Standard reagents can make 400 samples
Resoluton	0.2
Working Environent	5°C~45°C, <85%RH
Power	200W (220 ± 10%VAC 50Hz), excluding water pump
Measurement Interval	Point measurement, interval measurement, and measurement can also be started through the serial port



	5V input Relay output: 4 channels, flexible configuration
Communication Interfae	RS485/RS232/USB interface (optional)
Response time (measurement cycle)	≤ 30 minutes; Measuring cycles: programmable

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