

PORTABLE WATER QUALITY ANALYZERS

CAN BE
CUSTOMIZED

- Suitable for water quality testing of biomedicine, food emulsion, aquaculture, wastewater engineering, research institutes, etc.
- Built-in standard curves, self-calibrating and modifying curves
- Testing indicators can be freely combined and customized
- Standard PC software for data storage and transmission



digester (included)



16mm colorimetric tube (included)



WQA-P10

SPECIFICATION

Part No.	WQA-P10	WQA-P40			
Measurement item	COD	COD	TP	TN	NH ₃ -N
Measurement range	5~2000mg/L	5~2000mg/L	0.00~10mg/L	0.05~100mg/L	0.02~25mg/L
Accuracy	≤±5%	≤±5%	≤±3%FS	≤±5%	≤±3%FS
Wavelength	420nm, 610nm	340nm, 420nm, 610nm, 700nm			
Light source	LED cold light source				
Wavelength accuracy	±2nm				
Optical stability	≤0.002A/20min				
Repeatability	≤3%				
Data storage	mass storage				
Temperature control system	RT~200°C can be set, COD digestion temp: 165°C, TP&TN digestion temp: 125°C				
Temperature control time	1~999min				
Digestion time	COD takes 15 minutes, and total phosphorus and total nitrogen take 30 minutes each				
Working environment	41~104°F, ≤80%RH, no condensation				
Storage environment	-4~113°F, ≤80%RH, no condensation				
Power supply	main unit: rechargeable lithium battery digester: 12V/10A				
Dimension (L×W×H)	main unit: 3.54x9.01x2.17" digester: 4.72x6.30x4.13"				
Weight	main unit: 1.10lb digester: 2.65lb				

STANDARD DELIVERY

Part No.	WQA-P10	WQA-P40
Main unit	1 pc	
Digester (WQA-PD)	1 pc	
Digester protective cover	1 pc	
16mm colorimetric tube	10 pcs	50 pcs
Main unit power adapter	1 pc	
Digester power adapter	1 pc	
Car cigarette lighter	1 pc	
Software	1 set	

WQA-P10 OPTIONAL DELIVERY *

COD solid reagent	WQA-COD-SR
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* Concentrated sulfuric acid is required for pretreatment

WQA-P40 OPTIONAL DELIVERY *

COD solid reagent	WQA-COD-SR
Total Phosphorus solid reagent	WQA-TP-SR
Total Nitrogen solid reagent	WQA-TN-SR
Ammonia Nitrogen solid reagent	WQA-AN-SR

* Concentrated sulfuric acid is required for pretreatment