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Ammonium Nitrate Water Quality Analyzer



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. Long lamp service life, can be 100,000 hours.
6. USB port.

Specifications

Product Name	Ammonium Nitrate Rapid Tester
Model	5B-6
Measuring Item	Ammonium Nitrate
Measuring Range	0.02-60mg/L
Measuring Accuracy	Less or Equal +/-5%
Measuring Time	10-15 Minutes
Repeatability	Less or Equal +/-5%
Lamp Service Life	100,000 Hours
Optical Stability	Less or Equal 0.001A/10Min
Number of Curves	200
Display	4.3" large screen
Language	Chinese and English

Portable Ammonium Nitrate Water Quality Analyzer



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. Long lamp service life, can be 100,000 hours.
6. USB port.
7. Battery can be charged via USB port of PC or Vehicle.

Specifications

Product Name	Portable Ammonium Nitrate Rapid Tester
Model	5B-2N
Measuring Item	Ammonium Nitrate
Measuring Range	0.02-30mg/L
Measuring Accuracy	Less or Equal +/-5%
Measuring Time	10-15 Minutes
Repeatability	Less or Equal +/-5%
Lamp Service Life	100,000 Hours
Light Stability	Less or Equal 0.001A/10Min
Number of Curves	200
Display	4.3" large screen
Language	Chinese and English
Power Supply	Lithium Battery or Power Supply via USB Port

COD Rapid Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. Long lamp service life, can be 100,000 hours.
6. USB port.

Specifications

Product Name	COD Rapid Tester
Model	5B-3C
Measuring Item	COD
Measuring Range	2-150mg/L; 10-5000mg/L
Measuring Accuracy	Less or Equal +/-8%
Measuring Time	20 Minutes
Repeatability	Less or Equal +/-5%
Lamp Service Life	100,000 Hours
Light Stability	Less or Equal 0.001A/10Min
Number of Curves	200
Batch Quantity	20 pcs water sample
Language	Chinese and English

Portable COD Rapid Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. Long lamp service life, can be 100,000 hours.
6. USB port.
7. Battery can be charged via USB port of PC or Vehicle.

Specifications

Product Name	Portable COD Rapid Tester
Model	5B-3F
Measuring Item	COD
Measuring Range	2-150mg/L; 10-5000mg/L
Measuring Accuracy	Less or Equal +/-10%
Measuring Time	20 Minutes
Repeatability	Less or Equal +/-5%
Lamp Service Life	100,000 Hours
Light Stability	Less or Equal 0.001A/10Min
Number of Curves	200
Batch Quantity	20 pcs water sample
Language	Chinese and English
Power Supply	Lithium Battery or Power Supply via USB

COD Ammonium Nitrate Dual-Parameter Rapid Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. Long lamp service life, can be 100,000 hours.
6. USB port.

Specifications

Model	5B-3FCO
Measuring Item	COD High and Low Level, Ammonium Nitrate
Measuring Range	COD Low Level 2-150mg/L; COD High Level 10-5000mg/L; Ammonium Nitrate: 0.02-30mg/L
Measuring Accuracy	COD High Level: COD<50mg/L, <= +/-10%; COD>50mg/L, <=+/-5% COD Low Level: <=+/-10%. Ammonium Nitrate: <=+/-10%.
Detection Limit	COD: 0.1mg/L; Ammonium Nitrate: 0.01mg/L.
Measuring Time	COD: 20 Minutes; Ammonium Nitrogen: 10-15 Minutes
Repeatability	Less or Equal +/-5%
Lamp Service Life	100,000 Hours
Optical Stability	Less or Equal 0.001A/20Min
Number of Curves	200
Anti chlorine interference	[Cl-] < 1000mg/L no impact; [Cl-] < 4000mg/L (optional)
Language	Chinese and English
Power Supply	Lithium Battery or Power Supply via USB

Total Phosphorus Rapid Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. USB port.
6. The cold light source, narrow band interference, lamp life 100,000 hours.

Specifications

Product Name	Total Phosphorus Rapid Tester
Model	5B-3NP
Measuring Item	Total Phosphorus
Measuring Range	0.002-20mg/L
Measuring Accuracy	$\leq \pm 5\%$
Measuring Time	35-50 Minutes
Repeatability	$\leq \pm 5\%$
Lamp Service Life	100,000 Hours
Light Stability	$\leq 0.001A/10Min$
Number of Curves	200
Batch Quantity	20 pcs water sample
Language	Chinese and English

Portable Total Phosphorus Rapid Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. USB port.
6. The cold light source, narrow band interference, lamp life 100,000 hours.

Specifications

Product Name	Portable Total Phosphorus Rapid Tester
Model	5B-3NPB
Measuring Item	Total Phosphorus
Measuring Range	10mg/L
Measuring Accuracy	<= +/-10%
Measuring Time	20 Minutes
Repeatability	<= +/-5%
Lamp Service Life	100,000 Hours
Light Stability	<= 0.001A/10Min
Number of Curves	200
Batch Quantity	20 pcs water sample
Language	Chinese and English
Power Supply	Lithium Battery or Power Supply via USB

Methanal Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. USB port.
6. The cold light source, narrow band interference, lamp life 100,000 hours.

Specifications

Product Name	Model	Wavelength	Measuring Range	Accuracy	Accessory
Methanal in Gas Analyzer	5GA-201K	630nm	0.01-2.00mg/m ³	+/-5%	Reagent 100 sets
Methanal in Water Analyzer	5GA-201S	412nm	0.02-100mg/L	+/-5%	Reagent 100 sets
Methanal in Leather Shoe Analyzer	5GA-201P	412nm	5-500mg/kg	+/-5%	Reagent 100 sets Electronic Balance Water Bath
Methanal in Fabric Analyzer	5GA-201F	412nm	5-650mg/kg	+/-5%	Reagent 100 sets Electronic Balance Water Bath
Multi-function Methanal Analyzer	5GA-201D	412nm	5-700mg/kg	+/-5%	Different according to measured material

Portable Methanal Tester



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. USB port.
6. The cold light source, narrow band interference, lamp life 100,000 hours.

Specifications

Product Name	Model	Wavelength	Measuring Range	Accuracy	Accessory
Methanal in Gas Analyzer	5GA-201KB	630nm	0.01-2.00mg/m3	+/-5%	Reagent 100 sets
Methanal in Water Analyzer	5GA-201SB	412nm	0.02-100mg/L	+/-5%	Reagent 100 sets

Intelligent Turbidity Analyzer



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. USB port.
6. The cold light source, narrow band interference, lamp life 100,000 hours.

Specifications

Product Name	City Water Turbidity Tester	Intelligent Turbidity Tester	High Precision Turbidity Tester
Model	WGZ-4000Y	WGZ-4000	WGZ-4000A
Minimum Indicate Value (NTU)	0.001	0.01	0.001, 0.01
Measuring Range (NTU)	0-10, 0-100	0-10, 0-100, 0-1000, 0-4000	0-10, 0-100, 0-1000, 0-4000
Indicate Error	+/-5%FS	+/-5%FS	+/-2%FS
Reproducibility	<=0.5%	<=0.5%	<=0.5%
Zero Drift	+/-5%FS	+/-5%FS	+/-5%FS
Usage	City water	Industrial Waste Water, River	Industrial Waste Water, River

Portable Intelligent Turbidity Analyzer



Features & Functions

1. 4.3 inch TFT color screen.
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. USB port.
6. The cold light source, narrow band interference, lamp life 100,000 hours.

Specifications

Product Name	Intelligent Turbidity Tester	High Precision Turbidity Tester
Model	WGZ-4000P	WGZ-4000AP
Minimum Indicate Value (NTU)	0.01	0.001
Measuring Range (NTU)	0-10, 0-100, 0-1000, 0-4000	0-10, 0-100, 0-1000, 0-4000
Indicate Error	+/-5%FS	+/-3%FS
Reproducibility	<=0.5%	<=0.5%
Zero Drift	+/-5%FS	+/-5%FS
Usage	Industrial Waste Water, River	Industrial Waste Water, River

Intelligent Colorimeter



Features & Functions

1. 4.3 inch TFT color screen
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. The cold light source, narrow band interference, lamp life 100,000 hours.
6. USB port.

Specifications

Name	Colorimeter for City Water	Intelligent Colorimeter	High Precision Colorimeter	Colorimeter for Beer
Model	SD-4000Y	SD-4000A	SD-4000	SD-4000P
Minimum Indication	0.001	0.1	0.001, 0.01	0.001EPC
Error of Indication	0-50	0-500	0-500	0-30EPC
Repeatability	<=0.5%	<=0.5%	<=0.5%	<=0.5%
Zero Drift	+/-0.5%FS	+/-0.5%FS	+/-0.5%FS	+/-0.5%FS
Usage	Wider cuvette City Water	River, Industrial waste water	River, Industrial waste water	Beer

Portable Intelligent Colorimeter



Features & Functions

1. 4.3 inch TFT color screen
2. 500M RAM.
3. Support two colorimetry vessels: cuvette or colorimetric cylinder.
4. Support 200 curves storage and curve automatic calibration. Also support customer to make high precision curve according to the measurement range, customer can make piecewise curve, which factor determined by the concentration.
5. The cold light source, narrow band interference, lamp life 100,000 hours.
6. USB port.

Specifications

Product Name	Portable Intelligent Colorimeter
Model	SD-4000B
Minimum Indicate Value (PCU)	0.001, 0.01
Measuring Range (PCU)	0-500
Indicate Error	+/-5%F.S
Reproducibility	<=0.5%
Zero Drift	+/-5%F.S
Usage	Industrial Waste Water, River

35 Parameters Water Quality Rapid Determination Instrument



Instrument Technical Parameters

Name	Multi-parameter Water Quality Determination Instrument
Wavelength Range	190-1100nm Allowing for or adaptable to change
Wavelength Accuracy	+/-0.3nm
Photometric range	0.000-3.000 Abs
Detector	0.002Abs/h
Keyboard	Touch type on/off
Power	AC 110V-220V or Chargeable Battery (7.4V, 900mAh)
Ambient	5-40 Celsius Degree

Standard Accessories

1. Software *1 Unit.
2. One set Reagents for each Parameter Determination, 100 times for each parameter determination.
3. Sample preparation apparatus *1 set.

Parameters Determination

Sr. No.	Parameter	Determination Limit	Determination Range
1	Chroma	1 PCU	1-200 PCU
2	Turbidity	0.5 NTU	0.0-60.0 NTU
3	PH	---	5.5-9.0
4	Formaldehyde	0.05 mg/L	0.00-1.50 mg/L
5	Residual Chlorine	0.05 mg/L	0.00-3.00 mg/L
6	Total Chlorine	0.05 mg/L	0.00-3.00 mg/L
7	Chlorine Dioxide	0.10 mg/L	0.00-3.00 mg/L
8	Ozone	0.05 mg/L	0.00-2.50 mg/L
9	Nitrate Nitrogen	1.0 mg/L	0.0-20.0 mg/L
10	Cyanide	0.03 mg/L	0.00-1.00 mg/L
11	Fluoride	0.01 mg/L	0.00-1.50 mg/L
12	Chloride	20.0 mg/L	0.0-500.0 mg/L
13	Sulfide	0.02 mg/L	0.00-1.00 mg/L
14	Sulphate	5.0 mg/L	0.0-250.0 mg/L
15	Ammonium Nitrogen	0.10 mg/L	0.00-5.00 mg/L
16	Lead (Pb)	0.5 mg/L	0.0-3.0 mg/L
17	Mercury (Hg)	0.05 mg/L	0.00-0.5
18	Selenium (Se)	0.5 mg/L	0.0-1.0
19	Aluminium (Al)	0.01 mg/L	0.00-0.50
20	Iron (Fe)	0.10 mg/L	0.00-3.00
21	Manganese (Mn)	0.05 mg/L	0.00-5.00
22	Copper (Cu)	0.05 mg/L	0.00-1.50
23	Zinc (Zn)	0.05 mg/L	0.00-1.50
24	Total Hardness	1.0 mg/L	0.0-500.0
25	CODMn	0.5 mg/L	0.5-8.0
26	Volatile Phenol	0.1 mg/L	0.00-5.00
27	Detergent. Surface Active Agent	0.1 mg/L	0.0-3.0 mg/L
28	Sodium (Na)	0.23 mg/L	0.23-230.00 mg/L
29	Barium (Ba)	1.0 mg/L	0.0-7.0 mg/L
30	Beryllium (Be)	0.001 mg/L	0.000-0.050 mg/L
31	Silver (Ag)	0.05 mg/L	0.00-1.00 mg/L
32	Arsenic (As)	0.006 mg/L	0.006-0.500 mg/L
33	Chrome	0.01 mg/L	0.00-1.00 mg/L
34	Nitrite Nitrogen	0.01 mg/L	0.00-0.40 mg/L
35	Chlorine Hydride	0.03 mg/L	0.00-0.50 mg/L

Intelligent 16 Holes Multi-parameter Digestion Instrument



Features & Functions

1. Safe and reliable: Fully transparent integration of heat resistant Spray-shield that can be directly observed water samples, and ensure the safety and reliability of the digestion;
2. High quality materials: Air thermal insulation layer, effectively preventing the burn.
3. Thermostatic remind.
4. Thermostatic intelligent control.
5. The three count down remind switches.
6. Timing switch can be adjusted and save.
7. Automatic intelligent temperature control.
8. Digest samples for COD, Total Phosphorus, Total Nitrogen and so on.

Specifications

Heating Rate	From 20 to 165 ° C in 10 minutes
Programmable Temperature Range	45-300 Celsius Degree
Stored digestion programs	COD, Total Phosphorus, Total Nitrogen
Timing Range	1minute to 96 hours
Digestion capacity	0-10ml
Number of Digestion Samples	16 pcs
Display	128*64 LCD
Power	900W
Dimension	340x240x214mm
Net Weight	6kg

Benchtop Dissolved Oxygen Meter



Features & Functions

1. With Functions such as Automatically Temperature Compensation, Automatically Salinity Compensation and Automatically Air Pressure Compensation.
2. Complied with GLP.
3. Three measuring mode: Stable Display Mode; Timing Measuring Mode; Continuous Measuring Mode.
4. Intelligent Magnetic Stirrer optional, which is necessary for Dissolved Oxygen Measurement.

Specifications

Measuring Range	DO: 0-20.00mg/L(ppm)
	Temp: -10-110 Celsius Degree
Resolution	DO: 0.1/0.01mg/L(ppm)
	Temp: 0.1 Celsius Degree
Accuracy	DO: +/-0.1mg/L
	Temp: +/-0.4 Celsius Degree(5-60 Celsius Degree); +/-0.8 Celsius Degree other range.
Response Time	<=30s (25 Celsius Degree, 90% response)
Compensation Range	Temp: 0-45 Celsius Degree
	Salinity: 0-45 ppt
	Air Pressure: 80-105kPa
Communication Port	RS232
RAM	600 Groups including Sr.No., Temp, DO, Date, Time
IP Level	IP54
Ambient	10-30 Celsius Degree; Humidity <=80%