

## Water Purifier

### Water Purifier (RO/DI Water)



#### Features:

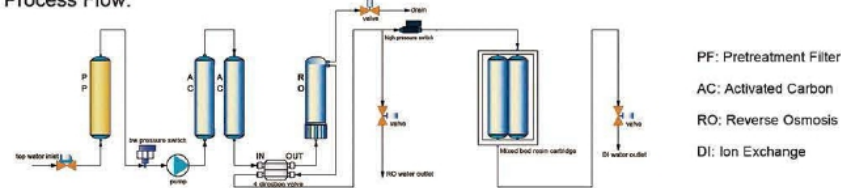
- \* 6 filters process
- \* Automatic RO membrane flush
- \* Filtration velocity: 10L/H



#### Consumables:

Model	Consumables	Quantity	Replacement Term/set
SCSJ-I	100 GPD RO filter	1	About 10-12 months
	10" PP Cotton filter	1	About 2-3 months
	10" Activated carbon filter	2	About 2-3 months
	Ion exchange column	2	About 6 months

#### Process Flow:



#### Technical Parameters:

Model	SCSJ-I
Water Output Type	RO and DI water
Water Output Speed	10L/H
Purifying Procedure	PF+AC+RO+DI
Water Supply Requirement	Tap water: TDS<200ppm, 5-45°C, 1.0~3.5Kg/cm <sup>2</sup>
Purification System	Pre-treatment unit: 10" PP filter*1+10" Activated carbon*2 RO unit: 100GPD RO membrane*1      Subsequent unit: Deion purification column*2
Purification Water Quality	<ul style="list-style-type: none"> <li>● Soluble organic matter: Rejection rate&gt;99% (molecular weight&gt;100)</li> <li>● Particle: Rejection rate&gt;99%</li> <li>● Salt: Rejection rate&gt;99%</li> <li>● Resistivity: 7.0~10.0 MΩ·cm</li> <li>● Conductivity: 0.143~0.100 μs/cm</li> <li>● Microbe: Rejection rate&gt;99%</li> <li>● TDS (total dissolved solids): RO water: 5~10 ppm</li> <li>● PM (particulate matter) (&gt;0.22μm): &lt;1/ml</li> <li>● Microbe/Germ: &lt;1 CFU/ml</li> </ul>
Water Quality Monitor	TDS (Total Dissolved Solids) meter
Consumption	48W
Power Supply	AC110/220V±10%, 50/60Hz
Standard Configuration	Main body (include 1 set of cartridges), TDS meter
External Size(W*D*H)	394*390*502mm
Package Size(W*D*H)	560*540*640mm
Gross Weight	25kg

## Water Purifier (Automatic RO/DI Water)



Email: [export@biobase.com](mailto:export@biobase.com)

Website: [www.biobase.cc](http://www.biobase.cc) / [www.meihuatrade.com](http://www.meihuatrade.com)

#### Technical Parameters:

Model	SCSJ-III 15	SCSJ-III 30	
Display	LCD		
Water Output Type	RO and DI water		
Water Output Speed	15L/H	30L/H	
Purifying Procedure	PF+AC+RO+DI		
Water Supply Requirement	Tap water: TDS<200ppm, 5~45°C, 1.0~4.0Kg/cm <sup>2</sup> (If inlet TDS>200ppm, extra pretreatment filter is recommended)		
Purification System	Pretreatment unit	Special spun fiber filter*1, Special active carbon block filter*1, Special active carbon block filter*1	
	RO unit	100GPD RO membrane*1	100GPD RO membrane*2
	Subsequent unit	Mixed bed resin cartridge*2	Mixed bed resin cartridge*3
Pure Water Quality	Desalination rate	>99%	
	TDS	RO water: 5~10 ppm	
	Resistivity	15~18.2MΩ·cm	
Conductivity	0.067~0.055μs/cm		
Control System	Automatic electronic pressure sensor controlling, RO membrane auto flushing, Automatic stop when water supply shortage, Automatic stop when water tank full, Automatic cutting off water when pump stop, 24 hours non-stop work		
Water Quality Monitor	TDS meter, Online resistivity monitor(optional)		
Consumption	48W	72W	
Power Supply	AC110/220V±10%, 50/60Hz		
Standard Configuration	Main body(include 1 set cartridge), 15L water tank, TDS meter		
External Size(W*D*H)	220*410*420mm		
Package Size(W*D*H)	590*490*550mm		
Gross Weight	22kg		

## Water Purifier Medium Type (Automatic RO/DI Water)

### Features:

- \* Large LCD display, animation mode, show all the running state and parameters.
- \* Automatic microcomputer control system, multi-menu operating.
- \* Alarm function: Water quality, no water, full water, consumables life ending. Automatic diagnosis.
- \* 3-way on-line sensor, detect the quality of feed water, RO water and DI water's quality timely.



Website: [www.biobase.cc](http://www.biobase.cc) / [www.meihuatrade.com](http://www.meihuatrade.com)

### Technical Parameters:

Model	SCSJ-V 45	SCSJ-V 63	SCSJ-V 94	SCSJ-V 125
Water Output Type	RO and DI water			
Water Output Speed	45L/H	63L/H	94L/H	125L/H
Purifying Procedure	PF+AC+RO+AC+DI+TF			
Water Supply Requirement	Tap water: TDS<200ppm, 5~45°C, 1.0~4.0Kg/cm <sup>2</sup> (if TDS>200ppm, extra pretreatment filter is recommended)			
Purification System	Pretreatment unit	20" spun fiber filter*1+20" granular active carbon filter*1+20" active carbon block filter*1		
	RO unit	300 GPD RO membrane*1	400 GPD RO membrane*1	300 GPD RO membrane*2
	Subsequent unit	10" granular active carbon filter*1+12L mixed bed resin cartridge*1+0.2μm terminal filter*1		
DI Water Quality	Resistivity	>10MΩ·cm		
	Conductivity	<0.1μs/cm		
Water Quality	Heavy metal	<0.1ppb		
	Bacteria	<0.1cfu/ml		
	Particle(>0.2μm)	<1/ml		
RO Water Quality	TDS(Total dissolved solid) of RO water(ppm)<TDS of inlet water*5%			
Consumption	120W	240W		
Power Supply	AC110/220V±10%, 50/60Hz			
Standard Configuration	Main body(include 1 set cartridge), 2 built-in 15 liters tank			
Optional	TDS meter			
External Size(W*D*H)	470*650*1100mm			
Package Size(W*D*H)	650*740*1250mm			
Gross Weight	70kg			

## Water Purifier Medium Type (Automatic RO Water)



Email: [export@biobase.com](mailto:export@biobase.com)

Website: [www.biobase.cc](http://www.biobase.cc) / [www.meihuatrade.com](http://www.meihuatrade.com)

### Features:

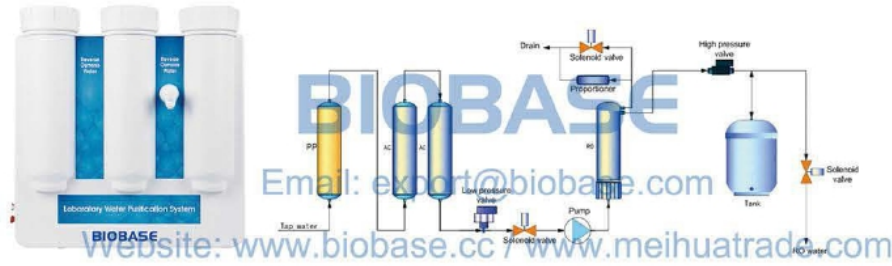
- \* Large LED display, show all the running state and parameters.
- \* RO membrane clean automatically. High/Low pressure protection.
- \* Alarm function: Water quality, no water, full water, consumables life ending. Automatic diagnosis.

### Technical Parameters:

Model	SCSJ-IV 45	SCSJ-IV 63	SCSJ-IV 94	SCSJ-IV 125
Water Output Type	RO water			
Water Output Speed	45L/H	63L/H	94L/H	125L/H
Purifying Procedure	PF+AC+AC+RO			
Water Supply Requirement	Tap water: TDS<200 ppm, 5~45°C, 1.0~4.0Kg/cm <sup>2</sup> (if TDS>200ppm, extra pretreatment filter is recommended)			
Pure Water Quality	Ion rejection rate	96%~99% (New RO membrane)		
	Organic rejection rate	>99%, when MW>200 Dalton		
	Particles and bacteria rejection rate	>99%		
	Bacteria	<0.1cfu/ml (with optional 0.2μm PES terminal filter)		
	Particles(>0.2μm)	<1/ml (with optional 0.2μm PES terminal filter)		
Water Quality Monitor	TDS meter, Online resistivity monitor(optional)			
Consumption	120W	240W		
Power Supply	AC110/220V±10%, 50/60Hz			
Standard Configuration	Main body (including 1 set of cartridges), 2 built-in15L water tank, TDS meter			
External Size(W*D*H)	540*640*1110mm			
Package Size(W*D*H)	650*740*1250mm			
Gross Weight	70kg			



### Water Purifier (Automatic RO Water)



#### Technical Parameters:

Model		SCSJ-II 15	SCSJ-II 30
Water Output Type		RO water	
Water Output Speed		15L/H	30L/H
Purifying Procedure		PF+AC+RO+AC	
Water Supply Requirement		Tap water: TDS<200 ppm, 5~45°C, 1.0~4.0Kg/cm <sup>2</sup> (if inlet TDS>200ppm, extra pretreatmentfilter is recommended)	
Pure Water Quality	Ion rejection rate	96%~99% (New RO membrane)	
	Organic rejection rate	>99%, when MW>200 Dalton	
	Particles and bacteria rejection rate	>99%	
	Bacteria	<0.1cfu/ml (with optional 0.45+0.1µm PES terminal filter)	
	Particles(>0.2µm)	<1/ml (with optional 0.45+0.1µm PES terminal filter)	
Flow Rate		2.0L/min (with pressure tank)	
Water Quality Monitor		TDS meter	
Consumption		48W	
Power Supply		AC110/220V±10%, 50/60Hz	
Standard Configuration		Main body (include 1 set of cartridges), 15 liters tank, TDS meter	
External Size(W*D*H)		220*410*420mm	
Package Size(W*D*H)		590*490*550mm	
Gross Weight		22kg	

### Water Purifier Medium Type (Automatic Ultra-pure Water)

#### Features:

- \* UV type with UV lamp, Double wavelength(185&254nm), sterilizer and reduce TOC, expand the usage range.
- \* UF type with UF filter, Eliminate the endotoxin efficiently.
- \* Other features same as Automatic RO/DI water purifier.



Website: [www.biobase.cc](http://www.biobase.cc) / [www.meihuatrade.com](http://www.meihuatrade.com)

#### Technical Parameters:

Model	SCSJ-VI	SCSJ-VII	SCSJ-VIII	SCSJ-IX	
	Basic	Eliminating endotoxin UF	Low TOC UV	Synthesizing UVF	
Water Output Type	RO and ultra-pure water				
Water Output Speed	45/63/94/125 L/H				
Purifying Procedure	PF+AC+RO+AC +DI+TF	PF+AC+RO+AC +DI+UF+TF	PF+AC+RO+ AC+UV+DI+TF	PF+AC+RO+AC +UV+DI+UF+TF	
Water Supply Requirement	Tap water: TDS<200 ppm, 5~45°C, 1.0~4.0Kg/cm <sup>2</sup> (if TDS>200ppm, extra pretreatmentfilter is recommended)				
Ultrapure Water Quality	Resistivity(25°C)	18.2MΩ.cm			
	Heavy metal ion	<0.1ppb			
	TOC	<10ppb	<10ppb	<3ppb	<3ppb
	Bacteria	<0.1cfu/ml			
	Endotoxin	N/A	<0.001Eu/ml	N/A	<0.001Eu/ml
	Particle(>0.2µm)	<1/ml			
	RNases	N/A	<0.01ng/ml	N/A	<0.01ng/ml
	DNases	N/A	<4pg/µl	N/A	<4pg/µl
RO Water Quality	Ion rejection rate	96%~99% (New RO membrane)			
	Organic rejection rate	>99%, when MW>200 Dalton			
	Particles and bacteria rejection rate	>99%			
Consumption	(45/63L/H): 120W; (94/125L/H): 240W				
Power Supply	AC110/220V±10%, 50/60Hz				
Standard Configuration	Main body (include 1 set of cartridges), 2 built-in 15L tank				
Optional	TDS meter				
External Size(W*D*H)	540*640*1110mm				
Package Size(W*D*H)	650*740*1250mm				
Gross Weight	70kg				

### Water Purifier Consumables

Model Type	PP filter	Active carbon filter	100 GPD RO membrane	Deionized purify column	Granular active carbon filter	300 GPD RO membrane	400 GPD RO membrane	Active carbon block filter	12L Deionized purify column (imported resin)	0.2µm PES terminal filter	12L ultra purify column (imported resin)	Ultra purify column (imported resin)	MMCO 50000 UF ultrafiltration module (import)	Dual wavelength (185nm & 254nm) UV lamp (imported)
Replacement term(1month)	2-6	4-5	12-24	about 1000 hours	2-6	12-24	12-24	2-6	about 2000 hours		about 2000 hours			about 5000 hours
SCS-J1(18UH)	1	2	1	/	/	/	/	/	/	/	/	/	/	/
SCS-J1(30UH)	1	2	2	/	/	/	/	/	/	/	/	/	/	/
SCS-J1(15UH)	1	2	1	2	/	/	/	/	/	/	/	/	/	/
SCS-J1(30UH)	1	2	2	3	/	/	/	/	/	/	/	/	/	/
SCS-J1V(45UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(63UH)	1	/	/	/	1	1	1	1	1	1	1	1	1	1
SCS-J1V(94UH)	1	/	/	1	1	2	1	1	1	1	1	1	1	1
SCS-J1V(125UH)	1	/	/	1	1	1	2	1	1	1	1	1	1	1
SCS-J1V(165UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(194UH)	1	/	/	1	1	2	1	1	1	1	1	1	1	1
SCS-J1V(25UH)	1	/	/	1	1	1	2	1	1	1	1	1	1	1
SCS-J1V(33UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(45UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(63UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(94UH)	1	/	/	1	1	2	1	1	1	1	1	1	1	1
SCS-J1V(125UH)	1	/	/	1	1	1	2	1	1	1	1	1	1	1
SCS-J1V(165UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(194UH)	1	/	/	1	1	2	1	1	1	1	1	1	1	1
SCS-J1V(25UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(33UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(45UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(63UH)	1	/	/	1	1	1	1	1	1	1	1	1	1	1
SCS-J1V(94UH)	1	/	/	1	1	2	1	1	1	1	1	1	1	1
SCS-J1V(125UH)	1	/	/	1	1	1	2	1	1	1	1	1	1	1

### Electric-heating Water Distiller

#### Features:

- \* Stainless steel material, adopt stamping and welding technology.
- \* Corrosion and ageing resistance, easy to operate, safe and durable.



#### Technical Parameters:

Model	WD-5	WD-10	WD-20
Water Output	≥5L/H	≥10L/H	≥20L/H
Consumption	5KW	7.5KW	15KW
Power Supply	AC110/220V, 50/60Hz	380V, 50Hz	380V, 50Hz
External Size(Φ*H)	310*700mm	355*820mm	405*677mm
Package Size(W*D*H)	360*360*820mm	360*350*900mm	540*390*740mm
Gross Weight	7.5kg	8.5kg	11.5kg

### Auto-control Electric-heating Water Distiller

#### Features:

- \* Stainless steel material, adopt stamping and welding technology.
- \* Water shortage and power-off alarm; automatically make up water and heat again.
- \* Power, heating indicator and show water shortage.



#### Technical Parameters:

Model	WD-A5	WD-A10	WD-A20
Water Output	≥5L/H	≥10L/H	≥20L/H
Consumption	5KW	7.5KW	15KW
Power Supply	AC110/220V, 50/60Hz	380V, 50Hz	380V, 50Hz
External Size(Φ*H)	310*740mm	235*855mm	415*720mm
Package Size(W*D*H)	360*360*830mm	360*360*920mm	535*380*770mm
Gross Weight	8kg	9.5kg	13kg

## Auto-control Electric-heating Water Distiller

停产



### Features:

- \* Water shortage and power-off alarm.
- \* Adopting air cooling structure and low-noise chiller.
- \* Water quality monitoring by electrical conductivity.
- \* LCD Display shows evaporator water level, alarm and service time.
- \* With water temperature detecting and output speed switch function.
- \* Build-in high efficiency steam separator. Produce high-quality distilled water.
- \* Automatically make up water and heat again; Automatically stop adding water when tank is full.

### Technical Parameters:

Model	WD-A15
Water Output	10~15L/H
Consumption	9.8KW
Power Supply	380V, 50Hz
Water Consumption	7:10
Water Standard	Tap water
Bucket	10L*1
External Size(W*D*H)	660*780*1880mm
Package Size(W*D*H)	760*880*2080mm
Gross Weight	103kg

## Potential Titrator

### Introduction:

BK-PT860 Automatic Titrator is a lab titration device with high analysis accuracy under the principle of potentiometric titration. It adopts modular design, consists of three parts: volume titration device, control device and measuring device. The titration methods include macro titration, micro titration, volume setting titration, EP, etc.



### Features:

- \* It adopts coil realize to magnetic stir.
- \* Accurate closed-loop control for volume.
- \* High-accuracy burette up to 0.005mm.
- \* Simple design, discrete stirring unit, easy for disassembly.
- \* LCD touch screen.

### Technical Parameters:

Model	BK-PT860
Temperature Measuring Range	0~100°C
pH Measuring Range	0~14.00pH
mV Measuring Range	±1999mV
Resolution	0.01pH; 0.1mV; 0.1°C
Repeatability Accuracy	0.2%
Repeatability	±0.2mV
Burette Volume Accuracy	Burette 15ml ±0.025ml Burette 25ml ±0.035ml
Power Supply	AC110V/220V±10%, 50/60Hz
External Size(W*D*H)	530*455*280mm
Package Size(W*D*H)	610*435*370mm
Gross Weight	10kg



## Potential Titrator

### Features for BK-PT4B:

- \* Large LCD screen
- \* Integrated design of valve and burette
- \* Built-in stirrer
- \* Titration transmission device adopts linear motor design
- \* With anti leakage device

### Features for BK-PT2:

- \* Preset potential to control titration endpoint
- \* Pre-control potential is adjustable
- \* Solenoid valve for controlling dropping liquid
- \* Equipped with delay circuit of titration endpoint
- \* Equipped with stirrer

### Technical Parameters:

Model	BK-PT4B	BK-PT2
Measuring Range	pH: 0.00~14.00pH mV: -1800.0~1800.0mV Temp.: -5.0~105.0°C	pH: 0.00~14.00 Ph mV: ±1400mV
Measuring Resolution	pH: 0.01pH mV: 0.1mV Temp.: 0.1°C	pH: 0.01pH mV: 1mV
Measuring Accuracy	pH: ±0.01pH±1bit mV: ±0.03% (full scale) Temp.: ±0.3°C	pH: ±0.03pH±1 bit mV: ±5mV
Burette Volume Accuracy	10ml burette: ±0.025ml 20ml burette: ±0.035ml	/
Burette Supplementary Speed	55±10s (when burette is full scale)	/
Repeatability Titration Analysis	0.2%	/
Repeatability Accuracy	≤0.2mV	/
Stability	±0.3 mV±1bit/3h	±0.01pH/3h
Sensitive of Control Titration	±2mV	±5mV
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	390*380*300mm	300*235*100mm
Package Size(W*D*H)	540*490*480mm	490*410*300mm
Gross Weight	8kg	5kg



## Potential Titrator

### Features:

- \* LCD displays measuring parameters and results.
- \* Prestore with preselected endpoint titration, blank titration or manual titration function and other automatically generate specific titration mode can be programmable.
- \* With RS232 communication port and can be connected with printer
- \* There are several different titration modes with different sensors: acid base titration, redox titration, precipitation titration, complexometry titration and non-aqueous titration.
- \* PWM modulation technique stirrer system can be adjusted by software, low noise.
- \* Anti perchloric acid corrosion material.

### Technical Parameters:

Model	BK-PT4A	
Measuring Range	pH	0~14.00pH
	mV	-1800.0~1800.0mV
	Temp.	-5.0~105.0°C
Measuring Resolution	pH	0.01pH
	mV	0.1mV
	Temp.	0.1°C
Measuring Accuracy	pH	±0.01pH±1bit
	mV	±0.03%(FS)
	Temp.	±0.3°C
Burette Drive	Repetitively of Titration Analysis	0.2%
	Control Titration Sensitive	±2mV
	Titration Volumetric Accuracy	10ml burette: ±0.025ml; 20ml: ±0.035ml
	Burette Resolution	10ml burette: 1/10000; 20ml: 2/10000
Burette Supplementary Speed	55±10s (when burette is full scale)	
Stability	±0.3mV±1bit/3h	
Sensitive of Control Titration	±2mV	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	340*400*400mm	
Package Size(W*D*H)	505*460*435mm	
Gross Weight	12.5kg	



## Portable Multi-Parameter Water Quality Analyzer

### Application:

It can be directly selected to measure COD, ammonia, total phosphorus, turbidity, color, hexavalent chromium, total chromium, nitrite nitrogen and other water quality testing indicators. It is widely used in environment protection, scientific research monitoring, production monitoring and other fields. It's the ideal equipment for environment monitoring and controlling.

### Features:

- \* Suitcase detector integrated design, easy to carry.
- \* A single instrument can detect 3-99 parameters water quality indicators.
- \* Large full-color touch screen, icon function keys.
- \* Square sample cell, suitable for various kinds of cuvettes.
- \* Manual modification, auto-calibration and auto-fitting.
- \* RS232 interface (USB optional), support exporting TXT or EXCEL format report.



### Technical Parameters:

Model	BK-WQA
Light Source Life	≥100000h
Stability	≤ 0.005A/h
Detection System	Multi-channel independent detection system
Detection Circuit	High-precision constant test circuit
Display	Large touch screen display
Measurement Precision	≤ ± 5% or ± 10% F.S
Repeatability Precision	≤ ± 3%
Storage Capacity	Detection data 50000 group
Number of Curves	230
Printer	Built-in mini thermal line printer
Digestion Temp.	RT~500°C
Digestion Time	1~9999s
Processing Capacity	4 water samples
Temp. Accuracy	<± 1°C
Temp. Uniform	<± 1°C
Interface	Standard RS232
Power Supply	AC110/220V±10%, 50/60Hz
Standard Accessory	4 holes digestion device
Optional Accessory	Kits for all parameters except the suffix-J, USB interface
External Size(W*D*H)mm	355*275*165
Package Size(W*D*H)mm	440*350*250
Net Weight(kg)	4.5
Gross Weight(kg)	5

### Measurable Items:

NO.	Parameter Name	Measuring Range	NO.	Parameter Name	Measuring Range
1	Residual chlorine	0.05~5.00mg/L	51	Nickel	0.05~0.5mg/L
2	Total chlorine	0.05~5.00mg/L	52	Tin	0.01~0.50mg/L
3	Ozone	0.05~2.50mg/L	53	Acidity/phenolphthalein-D	10.0~1000mg/L
4	Nitrite-N	0.01~0.40mg/L	54	Carbonate-D	10.0~1500mg/L
5	Ammonia nitrogen	0.05~10.0mg/L	55	Bicarbonate-D	10.0~1500mg/L
6	Low turbidity	0.5~60.0NTU	56	Selenium	0.10~1.00mg/L
7	Total phosphorus	0.01~1.00mg/L	57	Temperature-J	(-50~300)°C
8	Hexavalent chromium	0.01~1.00mg/L	58	Salinity-J	(0.0~28)%
9	Sulfide	0.02~1.00mg/L	59	Potassium	30.0~100mg/L
10	COD	10~1000mg/L	60	Cadmium	0.10~5.0mg/L
11	Fluoride	0.02~2.00mg/L	61	Arsenic	0.006~0.5mg/L
12	Dissolved oxygen	0.1~10.0mg/L	62	Barium	1.0~10.0mg/L
13	Mn	0.05~5.00mg/L	63	Beryllium	0.01~0.30mg/L
14	Fe	0.10~3.00mg/L	64	TDS-J	0-9990ppm
15	Calcium-D	2~200mg/L	65	Molybdenum	0.01~0.30mg/L
16	Chlorine dioxide	0.10~3.00mg/L	66	Silver	0.05~1.00mg/L
17	Nitrate-N	0.5~20.0mg/L	67	Residual chlorine-1	0.5~10.0mg/L
18	High turbidity	5~400NTU	68	Total chlorine-1	0.5~10.0mg/L
19	Chroma	5~200PCU	69	Ozone-1	0.5~5.00mg/L
20	Total chromium	0.01~1.00mg/L	70	Ammonia nitrogen-1	1.0-50.0mg/L
21	Phosphate	0.1~1.0mg/L	71	COD-1	500~5000mg/L
22	Sulfate	5.0~250.0mg/L	72	Total phosphorus-1	0.5~10.0mg/L
23	CODmn-D	0.50~8.00mg/L	73	Total hardness	12.5~450mg/L
24	Total hardness-D	1.0~500.0mg/L	74	PH	5.5~9.5
25	Formaldehyde	0.05~1.50mg/L	75	Calcium	0.1~2.00mg/L
26	Volatile phenol	0.10~5.00mg/L	76	Manganese-1	0.5~10.00mg/L
27	PH-J	2.0~14.0	77	Copper-1	0.5~5.00mg/L
28	Chloride-D	20.0~500mg/L	78	Iron-1	0.5~10.00mg/L
29	Cyanide	0.03~1.00mg/L	79	Hexavalent chromium-1	0.5~10.00mg/L
30	Aluminum	0.01~0.50mg/L	80	Total chrome	0.5~10.00mg/L
31	Cu	0.05~1.00mg/L	81	Aniline	0.03~50mg/L
32	Zn	0.05~3.00mg/L	82	Nitrobenzene	0.1~70mg/L
33	Free chlorine	0.05~5.00mg/L	83	Thiocyanate	0.15~1.5mg/L
34	Mg-D	2~200.0mg/L	84	Cobalt	0.01~0.50mg/L
35	Total alkalinity D	10.0~1000mg/L	85	Boron	0.20~8.00mg/L
36	Nitrates	5.0~150.0mg/L	86	Cyanide chloride	0.03~1.00mg/L
37	Nitrite	0.05~2.00mg/L	87	Plumbum	0.01~1.00mg/L
38	Orthophosphate	0.1~1.0mg/L	88	HG	2.00~40.0µg/L
39	Chlorite	0.05~2.0mg/L	89	Conductivity-J	0~1999µs/cm
40	Sodium hypochlorite	100~5000mg/L	90	Iodine	0.00~2.00mg/L
41	Sodium chromate	0.01~1.00mg/L	91	Chloride	0.5~4.0mg/L
42	Peracetic acid	0.0~10.0mg/L	92	Vanadium	0.02~10.0mg/L
43	Hydrogen peroxide	1.0~100.0mg/L	93	Antimony	0.05~1.2mg/L
44	Hydrogen sulfide	0.01~1.00mg/L	94	Thorium	0.008~3.0mg/L
45	Silica	1.0~20.0mg/L	95	Monomethyl hydrazine	0.02~0.8mg/L
46	Urea	0.5~10.0mg/L	96	Triethylamine	0.5~3.5mg/L
47	Sulfite	0.1~20.0mg/L	97	Trichloroacetaldehyde	0.10~2.00mg/L
48	Detergent	0.1~3.0mg/L	98	Diethylenetriamine	0.40~3.20mg/L
49	Hydrazine	0.01~0.10mg/L	99	Unsymmetrical dimethylhydrazine	0.01~1.00mg/L
50	Free ammonia	0.1~5.0mg/L		Note: The suffix-J is a pen-type ion meter	



## COD Analyzer

### Application:

\* It is widely used in water quality monitoring in environmental protection, petroleum, chemical industries, health, etc.



### Features:

- \* LCD screen
- \* Dichromate colorimetric method, LED light source, long service life
- \* Two-point calibration (zero and full scale calibration)
- \* Measurements can be displayed directly, needless to count
- \* Support to connect with PC through USB interface
- \* Data can be consulted, deleted and printed

### Technical Parameters:

Model	BK-COD1	
Measuring Principle	Dichromate colorimetric method	
Range	COD	0.0~1500mg/L
	Electrolysis Current Divide	—
Accuracy	Basic Accuracy	≤150mg/L: ±8% reading ±1mg/L; ≥150mg/L: ±8% reading
	Repeatability	3% reading
Stability	±2% (reading)/15min	
Digestion Method	Sealing reflux method (could dispelling 21 samples simultaneously)	
Digestion Temperature	RT~165°C	
Digestion Time	0~120min	
Calibration	Two-point calibration(zero and full scalecalibration)	
Data Storage	200 data with time-and-date stamp	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	BK-D-1 digester	
Package Size(W*D*H)	BK-COD1: 370*305*330mm, Digester: 575*435*285mm	
Gross Weight	8.5kg	

## Portable Turbidimeter



### Features:

- \* Narrow band filter system, less susceptible to interference of light.(For BK-T201/ BK-T202)
- \* Cold light source, narrowband interference optical system. (For BK-T201A/ BK-T202A)
- \* Large LCD display
- \* Able to store standard 10 curve and 199 measurements value (For BK-T201/ BK-T202); 20 curve and 199 measurements value (For BK-T201A/ BK-T202A)
- \* Anticorrosive ABS main body, waterproof IP65 design
- \* 16-bit single chip microcomputer system
- \* Data protection function of power failure
- \* Could charge lithium-ion battery (For BK-T201A/ BK-T202A)
- \* USB port included (For BK-T201A/ BK-T202A)

### Technical Parameters:

Model	BK-T201	BK-T202	BK-T201A	BK-T202A
Measuring Range(NTU)	0~400	0~1000	0~400	0~1000
Basic Error(F.S)	≤± 2%	≤± 2%	≤± 1%	≤± 1%
Repeatability(F.S)	≤± 2%	≤± 2%	≤± 1%	≤± 1%
Minimum Resolution(NTU)	0.01			
Drift Per Hour(NTU)	< 0.1			
Power Supply	AC110/220V±10%,50/60HZ			
Package Size(mm)	270*270*180			
Gross Weight(kg)	2.5			

## Benchtop Turbidimeter

### Features:

- \* Narrow band filter system, less susceptible to interference of light
- \* Large LCD display
- \* Able to store standard 10 curve and 199 measurement value (For BK-LT3A / BK-LT3B); 10 curve and 500 measurement value (For BK-T3A/BK-T3B)
- \* Anticorrosive ABS body
- \* 16-bit single chip microcomputer system
- \* Printing function, USB port included (For BK-T3A/BK-T3B)

### Technical Parameters:

Model	BK-LT3A	BK-LT3B	BK-T3A	BK-T3B
Measuring Range(NTU)	0~400	0~1000	0~400	0~1000
Basic Error(F.S)	≤± 2%			
Repeatability(F.S)	≤± 2%			
Minimum Resolution(NTU)	0.01			
Drift Per Hour(NTU)	< 0.1			
Power Supply	AC110/220V±10%,50/60HZ			
Package Size(mm)	270*270*180			
Gross Weight(kg)	3			



BK-T3A/BK-T3B



BK-LT3A/BK-LT3B



## Jar Tester

### Application:

It's a testing instrument used to carry out the jar test during procedure of water treatment. It is used to simulate the process of adding agent , reaction, coagulation and settling which happen during the procedure of water treatment (including purification of drinking water and sewage treatment), widely used in scientific research, water supply plant and sewage treatment plant, colleges and universities, water treatment agent manufacturer etc.



BJT-2



BJT-4



BJT-6

### Features:

- \* LCD display
- \* Synchro run, independent run
- \* Store 12 groups of programs
- \* Automatic calculating G & GT value
- \* Automatic agent dosing and elevating

### Technical Parameters:

Model	BJT-2(Portable)	BJT-4(Portable)	BJT-6(Desktop)
Beakers	2pcs	4pcs	6pcs
Acrylic Beaker	Round, 1.0L Φ110*180mm	Round, 0.6L Φ95*130mm	Round, 1.0L Φ110*180mm Square optional, 1.5L 110*110*170mm
Speed Range	10~1000rpm, stepless speed regulation		
Speed Accuracy	±0.5%		
Speed Gradient(G value)	10~1000/s. Just for round beaker		
Running Time	Each step: 0~99min, 10 steps each program		
Measurement Temp. Range	0~50℃		
Measurement Temp. Accuracy	±1℃		
Consumption	40W	80W	180W
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)mm	540*330*170	550*390*210	1080*350*400
Package Size(W*D*H)mm	560*470*250	610*450*270	950*480*530
Gross Weight(kg)	8.5	11	33

## Anaerobic Jar

### Features:

- \* Excellent airtight performance, avoiding any undue leakage
- \* PMMA material, extremely smooth surface, shock and impact resistant
- \* Jar and lid are both transparent, sealing between lid and jar consists of an excellent quality O-ring
- \* Strong jar-lid-clamp construction, guarantee the overall airtight performance
- \* Colored stainless steel clamp with power electrostatic painting, durable and convenient for experimental management
- \* Adopting quick snap-shut coupling, enabling quick connection to the system in one swift move



BK-AJH Series



BK-AJG Series

### Technical Parameters:

BK-AJH Series Pumping Type Jar: 3 to 5 minutes every time

Model	Contents	Petri Dish Holder	Packing Size(L*W*H)	Gross Weight
BK-AJH015	1stack of 6 dishes (φ9-10cm)	15R	245*215*295mm	2.3kg
	ø =130mm, h=150mm; 1.5liter			
BK-AJH025	1stack of 12 dishes (φ9-10cm)	25R	245*215*395mm	2.8kg
	ø =130mm, h=240mm; 2.5liter			
BK-AJH035	1stack of 18 dishes (φ9-10cm)	15/25R	245*215*495mm	3.3kg
	ø =130mm, h=330mm; 3.5liter			
BK-AJH050	3 stacks of 6 dishes (φ9-10cm)	3/25R	370*370*340mm	5.9kg
	ø =240mm, h=120mm; 5liter			
BK-AJH070	3 stacks of 8 dishes (φ9-10cm)	3/25R	370*370*370mm	6.3kg
	ø =240mm, h=160mm; 7liter			
BK-AJH100	3 stacks of 12 dishes (φ9-10cm)	3/25R	370*370*470mm	7.3kg
	ø =240mm, h=230mm; 10liter			

BK-AJG Series Hermetic Type Jar: About 4 hours every time

Model	Contents	Petri Dish Holder	Packing Size(L*W*H)	Gross Weight
BK-AJG015	1stack of 6 dishes (φ9-10cm)	15R	245*215*295mm	2.0kg
BK-AJG025	1stack of 12 dishes (φ9-10cm)	25R	245*215*395mm	2.5kg
BK-AJG035	1stack of 18dishes (φ9-10cm)	15/25R	245*215*495mm	3.0kg
BK-AJG050	3 stacks of 6 dishes (φ9-10cm)	3/15R	370*370*340mm	5.6kg
BK-AJG070	3 stacks of 8 dishes (φ9-10cm)	3/15R	370*370*370mm	6.0kg
BK-AJG100	3 stacks of 12 dishes (φ9-10cm)	3/25R	370*370*470mm	7.0kg