

Water Purifier

Laboratory Water Purifier



Features:

- * Nano RO membrane filters tiny substances more efficiently.
- * Fully automatic control, one-key boot, simple operation.
- * With high pressure and low pressure protection, safer operation.
- * With consumable replacement alarm.
- * Compliance with national standard GB/T6682-2008 water requirements.
- * LCD display, display water quality information.

Technical Parameters:

Model	SCSJ-II-20L		SCSJ-II-30L	SCSJ-II-40L
Water Output Type	RO water outlet*1 and DI water outlet*1			
Water Output Speed	20 L/H		30 L/H	40 L/H
Purifying Procedure	PF+AC+RO+DI			
Water Supply Requirement	When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C			
Environmental Requirements	Temperature 15 ~ 35°C Relative Humidity ≤80%			
Purification System	10"PP filter*1, 10"active carbon filter*1 300GPD RO membrane*1 Deionization purification column*1			
DI Water Quality	Resistivity	10-18.25MΩ.cm		
	Conductivity	0.055-0.1μs/cm		
	Heavy metal	<0.1ppb		
	Particle	<1/ml		
	Bacteria	<0.1cfu/ml		
RO Water Quality	Ion rejection rate	96%~99%		
	Organic rejection rate	>99%		
	Particles and bacteria rejection rate	>99%		
Flow Rate	1750ml/min			
Consumption	113W			
Power Supply	AC220V±10%, 50Hz±5% (Standard); AC110V, 60Hz (Optional)			
Standard Configuration	Main body , 25Lwater tank, accessory pack			
Instrument Size(W*D*H)	403*325*650mm			
Package Size(W*D*H)	Instrument	460*420*1200mm		
	Accessory Box	670*400*260mm		
Gross Weight	40kg			

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Technical Parameters:

Model	SCSJ-II-60L		SCSJ-II-80L	SCSJ-II-100L
Water Output Type	RO water outlet*1 and DI water outlet*1		RO water outlet*1 and DI water outlet*2	
Water Output Speed	60 L/H		80 L/H	100 L/H
Purifying Procedure	PF+AC+RO+DI			
Water Supply Requirement	When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C			
Environmental Requirements	Temperature 15 ~ 35°C Relative Humidity ≤80%			
Purification System	Precision filter*1; Deionization purification column*1 300GPD RO membrane*2 (SCSJ-II-60L, SCSJ-II-80L) 400GPD RO membrane*2 (SCSJ-II-100L)			
DI Water Quality	Resistivity	10-18.25MΩ.cm		
	Conductivity	0.055-0.1μs/cm		
	Heavy metal	<0.1ppb		
	Particle	<1/ml		
	Bacteria	<0.1cfu/ml		
RO Water Quality	Ion rejection rate	96%~99%		
	Organic rejection rate	>99%		
	Particles and bacteria rejection rate	>99%		
Flow Rate	2500ml/min			
Consumption	230W			
Power Supply	AC220V±10%, 50Hz±5% (Standard); AC110V, 60Hz (Optional)			
Standard Configuration	Main body , 50Lwater tank, accessory pack		Main body , 20Lwater tank (0.5 gallon pressure tank), accessory pack	
Instrument Size(W*D*H)	390*400*1000mm			
Package Size(W*D*H)	Instrument	490*480*1100mm		950*490*1100mm
	Tank	415*415*700mm		
	Accessory Box	680*400*230mm		
Gross Weight	45kg		70kg	

Water Purifier (RO & DI water)

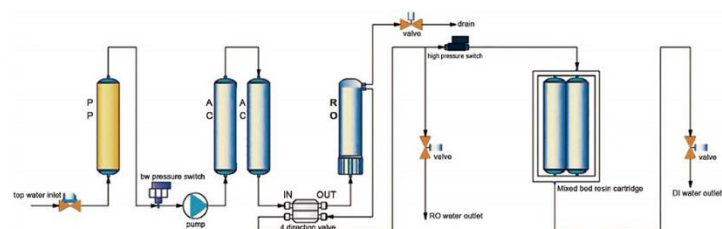


SCSJ-I-10L



SCSJ-II-30L

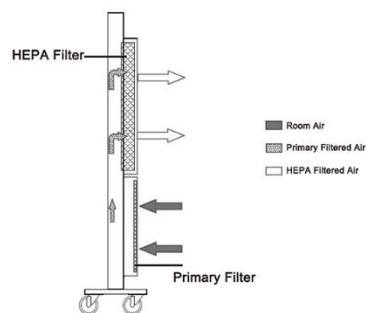
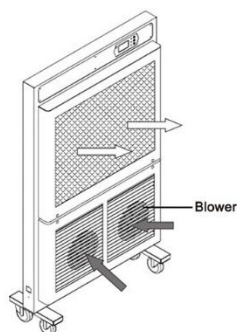
Purifying procedure:



PF: Pre-treatment Filter AC: Activated Carbon RO: Reverse Osmosis DI: Ion Exchange

Parameters:

Model	SCSJ-I-10L	SCSJ-II-30L
Water Output Type	RO & DI water	
Water Output Speed	10L/H	30L/H
Purifying Procedure	PF+AC+RO+DI	
Water Supply Requirement	Tap water: TDS<200ppm, 5~45°C, 1.0~3.5Kg/cm ²	
Pre-treatment	10 PP filter*1+10" Activated carbon *2	10" PP filter*1+10" active carbon filter*1
RO Unit	50 GPD RO membrane*1	300 GPD RO membrane*1
Subsequent Unit	Deionization purification column*2	Deionization purification column*1
Pure Water Quality	Soluble organic matter: Rejection rate>99% (molecular weight>100)	
	Particle: Rejection rate>99%	
	Microbe: Rejection rate>99%	
	Salt rejection rate: >99%	
	TDS (total solids solubility): RO water: 5~10 ppm	
	Resistivity: 10-18.25MΩ.cm	
	PM (particulate matter) (>0.22μm): <1/ml	
	Conductivity: 0.055-0.1us/cm	
	Microbe/Germ: <1 CFU/ml	
Water Quality Monitor	TDS (Total Dissolved Solids) meter	
Consumption	46W	113W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
Standard Configuration	Main body (Include 1 set of cartridges)+TDS meter	
External Size (W*D*H)	390*400*503mm	325*403*650mm
Package Size (W*D*H)	500*520*650mm	460*420*1200mm & 670*400*260mm
Gross Weight	27kg	40kg



FEATURES

Air purifier is an air purification equipment, which is widely used in hospital, small clinic, laboratory, office, meeting room and house etc. it can protect your life and your health through filtering dust, germ and virus in the air.

ADVANTAGE

1. Low noise.
2. LCD display
3. Remote control.
4. Adjustable air velocity.
5. Thorough sterilizing with UV Lamp.
6. Mobile Type, Wall Hanging Type, Suction Ceiling Type.

TECHNICAL PARAMETERS

Model	QRJ-128
External Size(W*D*H)	900*120*1500mm
Filter	Primary Filter, HEPA filter
HEPA Filter	99.99% efficiency at 0.3μm
UV Lamp	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination
Optimal Space	≤20m ²
Noise	≤58dB
Consumption	240W
Adjustable Air Speed	3 levels
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Cleaness At Outlet	Class 100
Gross Weight	78kg
Package Size(W*D*H)	1800*440*1050mm



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- * LCD display, display water quality information.



Technical Parameters:

Model		SCSJ-II-120L	SCSJ-II-150L	SCSJ-II-200L
Water Output Type		RO water outlet*2 and DI water outlet*2		
Water Output Speed		120 L/H	150 L/H	200 L/H
Purifying Procedure		PF+AC+RO+DI		
Water Supply Requirement		When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C		
Environmental Requirements		Temperature 15 ~ 35°C Relative Humidity ≤80%		
Purification System		20"PP filter*1, 20" granular active carbon filter*1, 20" compressed activated carbon filter*1, 400GPD RO membrane *2, Deionization purification column*2		
DI Water Quality	Resistivity	10-18.25MQ.cm		
	Conductivity	0.055-0.1μs/cm		
	Heavy metal	<0.1ppb		
	Particle	<1/ml		
	Bacteria	<0.1cfu/ml		
RO Water Quality	Ion rejection rate	96%~99%		
	Organic rejection rate	>99%		
	Particles and bacteria rejection rate	>99%		
Pressure Bucket		Built-in	External	External
Consumption		230W		
Power Supply		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)		
Standard Configuration		Main body, pressure bucket, accessory pack		
Instrument Size(W*D*H)		750*600*1200mm		
Package Size(W*D*H)	Instrument	770*620*1350mm		
	Pressure tank	/		
	Accessory	555*315*170mm		
Gross Weight		110kg	123kg	

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Technical Parameters:

Model		SCSJ-V-45L
Water Output Type		RO water outlet*2 and DI water outlet*2
Water Output Speed		45 L/H
Purifying Procedure		PF+AC+RO+AC+DI+TF
Water Supply Requirement		When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C
Environmental Requirements		Temperature 15 ~ 35°C Relative Humidity ≤80%
Purification System		20"PP filter*1, 20" granular active carbon filter*1, 20" compressed activated carbon filter*1, 300GPD RO membrane *1, Deionization purification column *1, T33 filter element *1, Capsule filter*1
DI Water Quality	Resistivity	10-18.25MQ.cm
	Conductivity	0.055-0.1μs/cm
	Heavy metal	<0.1ppb
	Particle	<1/ml
	Bacteria	<0.1cfu/ml
RO Water Quality	Ion rejection rate	96%~99%
	Organic rejection rate	>99%
	Particles and bacteria rejection rate	>99%
Pressure Bucket		Built-in
Consumption		120W
Power Supply		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)
Standard Configuration		Main body, built-in 4 gallon pressure water bucket*2, accessory pack
Instrument Size(W*D*H)		650*540*1120mm
Package Size(W*D*H)		770*620*1335mm
Gross Weight		93kg

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- * Compliance with national standard GB/T6682-2008 water requirements.

Technical Parameters:

Model	SCSJ-I-10L	SCSJ-I-15L
Water Output Type	RO water outlet*1 and DI water outlet*1	
Water Output Speed	10 L/H	15 L/H
Purifying Procedure	PF+AC+RO+DI	
Water Supply Requirement	When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB5749, 15 ~ 35°C	
Environmental Requirements	Temperature 15 ~ 35°C Relative Humidity ≤80%	
Purification System	10"PP filter*1, 10"active carbon filter*2 50GPD RO membrane *1 Deionization purification column*2	
DI water Quality	Resistivity	10-18.25MΩ.cm
	Conductivity	0.055-0.1μs/cm
	Heavy metal	<0.1ppb
	Particle	<1/ml
	Bacteria	<0.1cfu/ml
RO water Quality	Ion rejection rate	96%~99%
	Organic rejection rate	>99%
	Particles and bacteria rejection rate	>99%
Flow Rate	167ml/min	250ml/min
Consumption	46W	
Power Supply	AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)	
Standard Configuration	Main body	
Instrument Size(W*D*H)	390*400*503mm	
Package Size(W*D*H)	500*520*650mm	
Gross Weight	27kg	

Water Purifier (Automatic RO/DI Water)



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/lcm³ (If inlet TDS>200ppm, extra pretreatment filter is recommended)	
Purification System	Pretreatment unit	PP filter *1, Special active carbon filter *2
	RO unit	100GPD RO membrane*1 200GPD RO membrane*1
	Subsequent unit	Deionization purification column (imported resin) *2 Deionization purification column (imported resin) *3
	Ion rejection rate	97%~99% (New RO membrane)
Pure Water Quality	Organic rejection rate	>99%, when MW>200 Dalton
	Particles and bacteria rejection rate	>99%
	Resistivity	15~18.2MΩ.cm
	Conductivity	0.055~0.067μs/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	
Flow Rate	2.0 L/min (when there is water in the water tank)	
Water Quality Monitor	TDS/conductivity test pen	
Consumption	72W	
Power Supply	AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)	
Standard Configuration	Main body(include 1 set of purification column), 15L water tank, TDS/conductivity test pen, accessory pack	
External Size(W*D*H)	410*220*420mm	
Package Size(W*D*H)	600*490*580mm	
Gross Weight	35kg	

Water Purifier Consumables

Model Type	PP filter	20" PP filter	PP cotton filter	Active carbon filter	Granular active carbon filter	Active carbon backwash filter	12L Denitration purification column (imported resin)	12L Denitration purification column (imported resin)	Ultra-purified column (imported resin)	100000/100000 GPD RO membrane	Organic matter adsorption column	0.2µm PES terminal filter	MWCO 5000 UF (185mm dia. & 254mm) U.V lamp
Replacement term/set(months)	2-6	2-3	5-6	4-6	2-6	2-6	about 1000L pure water/set	about 1000L pure water/set	about 1000L pure water/set	12-24	about 9000L pure water/set	/	/
SCSJ-I (15U/H)	1	/	/	2	/	/	/	/	/	100*1	/	/	/
SCSJ-II (30U/H)	/	/	1	/	/	/	/	/	/	200*1	/	/	/
SCSJ-III (16U/H)	1	/	/	2	/	/	2	/	/	100*1	/	/	/
SCSJ-III (30U/H)	1	/	/	2	/	/	3	/	/	200*1	/	/	/
SCSJ-IV (48U/H)	/	1	/	/	1	/	/	/	/	300*1	/	/	/
SCSJ-V (63U/H)	/	1	/	/	1	/	/	/	/	400*1	/	/	/
SCSJ-VI (84U/H)	/	1	/	/	1	/	/	/	/	600*1	/	/	/
SCSJ-VII (126U/H)	/	1	/	/	1	/	/	/	/	400*2	/	/	/
SCSJ-VIII (168U/H)	/	1	/	/	1	/	1	/	/	300*1	1	1	/
SCSJ-IX (168U/H)	/	1	/	/	1	/	1	/	/	400*1	1	1	/
SCSJ-X (126U/H)	/	1	/	/	1	/	/	/	/	600*1	1	1	/
SCSJ-XI (168U/H)	/	1	/	/	1	/	/	/	/	400*2	1	1	/
SCSJ-XII (168U/H)	/	1	/	/	1	/	/	/	/	300*1	1	1	/
SCSJ-XIII (168U/H)	/	1	/	/	1	/	/	/	/	400*1	1	1	/
SCSJ-XIV (168U/H)	/	1	/	/	1	/	/	/	/	600*1	1	1	/
SCSJ-XV (126U/H)	/	1	/	/	1	/	/	/	/	400*2	1	1	/
SCSJ-XVI (168U/H)	/	1	/	/	1	/	/	/	/	300*1	1	1	/
SCSJ-XVII (168U/H)	/	1	/	/	1	/	/	/	/	400*1	1	1	/
SCSJ-XVIII (168U/H)	/	1	/	/	1	/	/	/	/	600*1	1	1	/
SCSJ-XIX (168U/H)	/	1	/	/	1	/	/	/	/	400*2	1	1	/
SCSJ-XX (126U/H)	/	1	/	/	1	/	/	/	/	300*1	1	1	/
SCSJ-XXI (168U/H)	/	1	/	/	1	/	/	/	/	400*1	1	1	/
SCSJ-XXII (168U/H)	/	1	/	/	1	/	/	/	/	600*1	1	1	/
SCSJ-XXIII (168U/H)	/	1	/	/	1	/	/	/	/	400*2	1	1	/
SCSJ-XXIV (168U/H)	/	1	/	/	1	/	/	/	/	300*1	1	1	/
SCSJ-XXV (168U/H)	/	1	/	/	1	/	/	/	/	400*1	1	1	/
SCSJ-XXVI (168U/H)	/	1	/	/	1	/	/	/	/	600*1	1	1	/
SCSJ-XXVII (168U/H)	/	1	/	/	1	/	/	/	/	400*2	1	1	/
SCSJ-XXVIII (168U/H)	/	1	/	/	1	/	/	/	/	300*1	1	1	/
SCSJ-XXIX (168U/H)	/	1	/	/	1	/	/	/	/	400*1	1	1	/
SCSJ-XXX (168U/H)	/	1	/	/	1	/	/	/	/	600*1	1	1	/
SCSJ-XXXI (168U/H)	/	1	/	/	1	/	/	/	/	400*2	1	1	/

Model Type	PP filter	T33 filter element	Active carbon filter	Granular active carbon filter	Precision filter	20" compressed activated carbon filter	Capsule filter	Denitration purification column	50/300 /400/4021 GPD RO membrane
Replacement term/set(months)	4-6	4-6	4-6	4-6	4-6	4-6	4-6	/	12
SCSJ-I-10L	10**1	/	2	/	/	/	/	3000L*2	50*1
SCSJ-I-15L	10**1	/	2	/	/	/	/	3000L*2	50*1
SCSJ-II-20L	10**1	/	1	/	/	/	/	5000L*1	300*1
SCSJ-II-30L	10**1	/	1	/	/	/	/	5000L*1	300*1
SCSJ-II-40L	10**1	/	1	/	/	/	/	5000L*1	300*1
SCSJ-II-60L	/	/	/	/	1	/	/	8000L*1	300*2
SCSJ-II-80L	/	/	/	/	1	/	/	8000L*1	300*2
SCSJ-II-100L	/	/	/	/	1	/	/	8000L*1	400*2
SCSJ-II-120L	20**1	/	/	1	/	1	/	20000L*2	400*2
SCSJ-II-150L	20**1	/	/	1	/	1	/	20000L*2	400*2
SCSJ-II-200L	20**1	/	/	1	/	1	/	20000L*2	400*2
SCSJ-IV-45L	20**1	1	/	1	/	1	1	20000L*1	300*1

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.



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, 1.0~4.0Kgf/cm² (if TDS>200ppm, extra pretreatment filter is recommended)				
Purification System	Pretreatment unit	20" PP 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	600 GPD RO membrane*1	400 GPD RO membrane*2
	Subsequent unit	Organic matter purification column*1; 12L ultra-purified column (imported resin)*1; 0.2µm imported PES terminal filter*1			
DI Water Quality	Resistivity	10-18.2MΩ.cm			
	Conductivity	0.1-0.055µs/cm			
	Heavy metal	<0.1ppb			
Quality	Bacteria	<0.01cfu/ml			
	Particle(>0.2µm)	<1/ml			
Flow Rate	3.0 L/min (when there is water in the water tank)				
RO Water Quality	TDS(Total dissolved solid) of RO water(ppm)<TDS of inlet water*5%				
Consumption	120W		240W		
Power Supply	AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)				
Standard Configuration	Main body(include 1 set of purification column), 2 built-in 15 liters tank, accessory pack				
External Size(W*D*H)	640*540*1110mm				
Package Size(W*D*H)	650*750*1280mm				
Gross Weight	90kg				

Water Purifier Medium Type (Automatic RO Water)



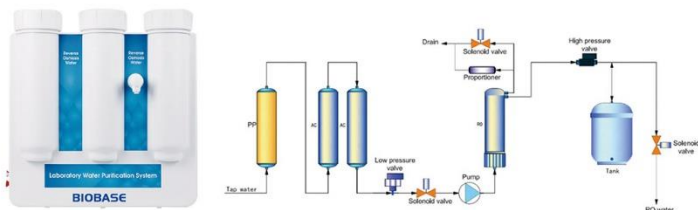
Features:

- * 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, 1.0~4.0Kgf/cm² (if TDS>200ppm, extra pretreatment filter is recommended)			
Purification System	Pretreatment unit	20" PP filter*1, 20" granular active carbon filter*1, 20" active carbon block filter*		
	RO unit	300 GPD RO membrane*1	400 GPD RO membrane*1	600 GPD RO membrane*1
Pure Water Quality	Ion rejection rate	97%~99% (New RO membrane)		
	Organic rejection rate	>99%, when MW>200 Dalton		
	Particles and bacteria	>99%		
	Rejection rate	<0.01cfu/ml (with optional 0.2µm PES terminal filter)		
	Bacteria	<1/ml (with optional 0.2µm PES terminal filter)		
	Particles(>0.2µm)	TDS meter, Online resistivity monitor(optional)		
Water Quality Monitor	120W		240W	
Consumption	AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)			
Power Supply	Main body (Including 1 set of purification column), 2 built-in 15L water tank,			
Standard Configuration	TDS/conductivity test pen, accessory pack			
External Size(W*D*H)	640*540*1110mm			
Package Size(W*D*H)	650*750*1280mm			
Gross Weight	90kg			

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 ² (if inlet TDS>200ppm, extra pretreatment filter is recommended)	
Purification System	Pretreatment unit	PP filter *1(SCSJ-II 15), PP cotton filter *1(SCSJ-II 30), Special active carbon filter *2	
	RO unit	100GPD RO membrane *1	200GPD RO membrane *1
Pure Water Quality	Ion rejection rate	97%~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)	
Flow Rate		2.0L/min (with pressure tank)	
Water Quality Monitor		TDS/conductivity test pen	
Consumption		72W	
Power Supply		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)	
Standard Configuration		Main body (Include 1 set of purification column), 15 liters tank, TDS/conductivity test pen, accessory pack	
External Size(W*D*H)		410*220*420mm	
Package Size(W*D*H)		600*490*580mm	
Gross Weight		35kg	

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.

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+UF+TF
Water Supply Requirement		Tap water: TDS<200 ppm, 5~45°C, 1.0~4.0Kg/cm ² (if TDS>200ppm, extra pretreatment filter is recommended)		
Purification System	Pretreatment Unit	20" PP filter*1, 20" granular active carbon filter*1, 20" active carbon block filter*1		
	RO unit	300 GPD RO membrane*1 (for 45L) 400 GPD RO membrane*1 (for 63L) 600 GPD RO membrane*1 (for 94L) 400 GPD RO membrane*2 (for 125L)		
	Subsequent unit	Organic matter purification column*1 12L ultra-purified column (imported resin)*1 0.2µm imported PES terminal filter*1 Ultra Purification Column*2 MWCO5000D UF ultrafiltration module (SCSJ-VII and SCSJ-IX) Dual wavelength (185nm&254nm) UV lamp (SCSJ-VIII,SCSJ-IX)		
	Resistivity(25°C)	18.2MΩ.cm		
Ultrapure Water Quality	Heavy Metal Ion	<0.01ppb		
	TOC	<10ppb		
	Bacteria	<0.01cfu/ml		
	Endotoxin	N/A		
RO Water Quality	Particle(>0.2µm)	<1/ml		
	RNases	N/A		
	DNases	N/A		
	Ion Rejection Rate	97%~99% (New RO membrane)		
Flow Rate	Organic Rejection Rate	>99%, when MW>200 Dalton		
	Particles And Bacteria Rejection Rate	>99%		
Power Supply		AC220V±10%, 50Hz±5%(Standard); AC110V, 60Hz(Optional)		
Consumption		(45/63L/H):120W ; (94/125L/H):240W		
Standard Configuration		Main body (Include 1 set of purification column), 2 built-in15L tank, accessory pack		
External Size(W*D*H)		640*540*1110mm		
Package Size(W*D*H)		650*750*1280mm		
Gross Weight		90kg		

Water Distiller

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

Titration

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:

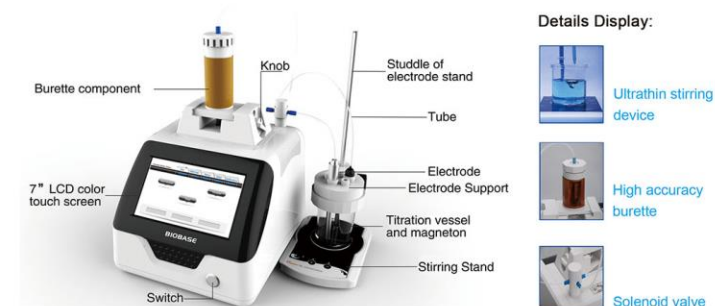
Model	BK-PT4B	BK-PT2
Measuring Range	pH: 0.00~14.00pH mV: -1800.0~1800.0mV Temp.: -5.0~105.0°C	pH: 0.00~14.00 Ph mV: ±1400mV
Measuring Resolution	pH: 0.01pH mV: 0.1mV Temp.: 0.1°C	pH: 0.01pH mV: 1mV
Measuring Accuracy	pH: ±0.01pH±1bit mV: ±0.03% (full scale) Temp.: ±0.3°C	pH: ±0.03pH±1 bit mV: ±5mV
Burette 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

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
Buret 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

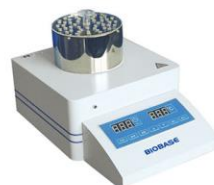
COD Analyzer

Application:

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



BK-COD1



Digestor BK-D-1

Features:

- * LCD display
- * 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
Calibration		Two-point calibration (zero and full scale calibration)
Data Storage		200 data with time-and-date stamp
Digestor BK-D-1	Digestion Method	Sealing reflux method (could dispelling 21 samples simultaneously)
	Digestion Temperature	100~165°C
	Digestion Time	0~120min
Power Supply		AC110/220V±10%, 50/60Hz
Standard Accessory		BK-D-1 digester
Package Size(W*D*H)		BK-COD1: 370*305*330mm, Digestor: 575*435*285mm
Gross Weight		8.5kg

Portable Turbidimeter

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%		±1%	
Repeatability(F.S)	±2%		±1%	
Minimum Resolution(NTU)	0.01			
Drift Per Hour(NTU)	< 0.1			
Power Supply	AC110/220V±10%,50/60HZ			
Package Size	270*270*180mm			
Gross Weight	2.5kg			

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	270*270*180mm			
Gross Weight	3kg			



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-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-4(Portable)	BJT-6(Desktop)
Beakers	4pcs	6pcs
Acrylic Beaker	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°C	
Measurement Temp. Accuracy	±1°C	
Consumption	80W	180W
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	550*390*210mm	1080*350*400mm
Package Size(W*D*H)	610*450*270mm	950*480*530mm
Gross Weight	11kg	33kg

Automobile Exhaust Analyzer

Applications:

Used to measure vehicle emissions of gas concentration.



BK-EA201



BK-EA301



BK-EA401



BK-EA501

Features:

- * With built-in printer
- * With a high-brightness digital display
- * Automatic zero, linear automatic data processing, auto-alarm when the gas line blocking

Technical Parameters:

Model	BK-EA201	BK-EA301	BK-EA401	BK-EA501
Measuring Range	HC: 0~10000*10 ⁻⁶ (ppm)vol CO: 0~10*10 ⁻² (%)vol	HC: 0~10000*10 ⁻⁶ (ppm)vol CO: 0~10*10 ⁻² (%)vol NO: 0~5000*10 ⁻⁶ (ppm)vol	HC: 0~10000*10 ⁻⁶ (ppm)vol CO: 0~10*10 ⁻² (%)vol CO ₂ : 0~20*10 ⁻² (%)vol O ₂ : 0~25*10 ⁻² (%)vol	HC: 0~10000*10 ⁻⁶ (ppm)vol CO: 0~10*10 ⁻² (%)vol CO ₂ : 0~20*10 ⁻² (%)vol O ₂ : 0~25*10 ⁻² (%)vol NO: 0~5000*10 ⁻⁶ (ppm)vol
Indicating Error	HC±12*10 ⁻⁶ (ppm)vol CO±0.06*10 ⁻² (%)vol	HC±12*10 ⁻⁶ (ppm)vol CO±0.06*10 ⁻² (%)vol NO±25*10 ⁻⁶ (ppm)vol	HC±12*10 ⁻⁶ (ppm)vol CO±0.06*10 ⁻² (%)vol CO ₂ ±0.5*10 ⁻² (%)vol O ₂ ±0.1*10 ⁻² (%)vol	HC±12*10 ⁻⁶ (ppm)vol CO±0.06*10 ⁻² (%)vol CO ₂ ±0.5*10 ⁻² (%)vol O ₂ ±0.1*10 ⁻² (%)vol NO±25*10 ⁻⁶ (ppm)vol
Stability	Moment drifts±3%			
Repeatability	±2%			
Response Time	95% response is not more than 10 seconds			
Preheating Time	8min (preheating 3min emergency detection)			
Power Supply	AC110/220V±10%, 50/60Hz; Optional DV12V			
Package Size(W*D*H)	610*415*295mm			
Gross Weight	13kg			

Technical Parameters:

Model	BKN-987	BKN-987A
Working Process	Adding quantitative sample dilution, alkali liquor and absorption liquid; Automatically finishing distillation, titration, print and liquid-discharging.	
Measurement Range	0.1~240mgN	
Sample Amount	Solid<6g; liquid<16ml	
Measurement Time	4~6 minutes	
Titration Precision	0.75μL/step	
Requirement of Cooling Water	< 18℃	
Cooling Water Consumption	1.5L/min (Distillation process)	
Titration Solution Concentration	Direct titration samples with 4 titration concentrations of 0.1mol, 0.5mol and 1mol	
Titration System	High-precision plunger type titration system	High-precision peristaltic titration system
Repeatability	±0.5%	
Recovery Ratio	≥99.5%	
Data Storage	140,000 groups	
Consumption	2000w	
Power Supply	AC220V, 50/60Hz	
Packing Size (W*D*H)	Main body: 630*540*810mm Accessories: 530*530*540mm	
Gross Weight	Main body: 57kg Accessories: 7kg	

Kjeldahl Digestion Furnace



Technical Parameters:

Model	BKD-8B
Temp. Range	RT~400℃
Temp. Precision	±1℃
Heating Pipe	Aluminium alloy pipe (Nichrome wire)
Heating Speed	20℃/min
Heating Holes	8
Digestion Tube Size	300ml±0.25ml
Consumption	2KW
Power Supply	AC220V, 50/60Hz
Packing size(W*D*H)	660*500*295mm
Gross weight	20kg

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



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

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	5.8kg
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