

## Water Purifier

### Water Purifier (RO/DI Water)



**Features:**

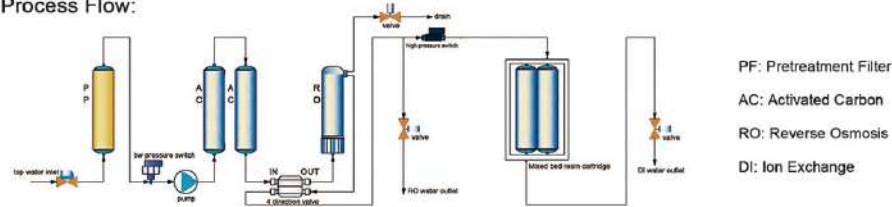
- \* 6 filters process
- \* Automatic RO membrane flush
- \* Filtration velocity: 10L/H



**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, 1.0~3.5Kgf/cm²
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)



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**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, 1.0~4.0Kgf/cm² (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
Subsequent unit	Mixed bed resin cartridge*2	Mixed bed resin cartridge*3
	Desalination rate	>99%
Pure Water Quality	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.



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**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*2 400 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	>10MQ cm		
	Conductivity	<0.1µs/cm		
	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)

**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.



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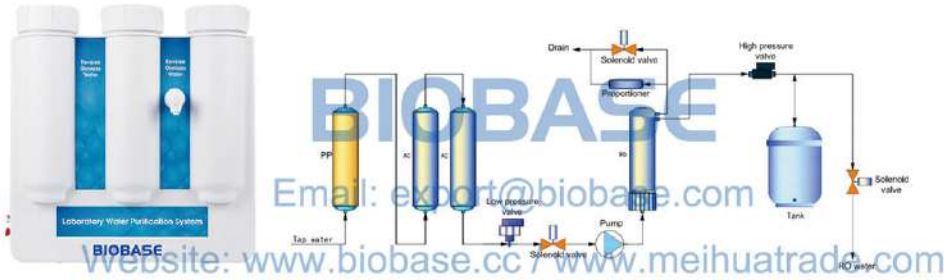
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**Technical Parameters:**

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, 1.0~4.0Kgf/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.



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**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, 1.0~4.0Kgf/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				