Laboratory Water Purifier





Stainless steel sampling valve, convenient sampling



UV sterilizer

Application:

It can be used in scenarios such as hospitals, pharmaceuticals, chemical industries, inspection departments, biological and physical-chemical laboratories, etc.

Features:

* The program is equipped with low-voltage and high-voltage alarms, and the machine will automatically stop when it fails, effectively preventing machine damage.
* Online monitoring function of raw water, pure water and ultrapure water quality.
* The reverse osmosis membrane is automatically flushed regularly to extend the service life of the membrane.
* Equipped with a liquid level switch, it will automatically stop when the water is full and automatically replenish water when it is short of water.
* The machine is equipped with an ozone generator and ultraviolet sterilization device to ensure the killing of bacteria and microorganisms in the water.
* Equipped with a 0.5T stainless steel sterile water tank to ensure that the reserve water is not contaminated.

Technical Parameters:

Model	BKSROEZ-300	BKSROEZ-500	BKSROEZ-750	BKSROEZ-1000
Pure Water Capacity	300L/H	500L/H	750L/H	1000L/H
Supply Water	City tap water, water temperature 2-45℃, water pressure 0.2-0.5Mpa, TDS＜300ppm			
Ambient Temp.	2-45℃			
Purified Water Conductivity	≤0.01ms/m			
Absorbance (254mm, 1cm optical path)	≤0.001			
Soluble Silicon (expressed as silica)	≤0.01mg/L			
Ion Removal Rate	≥99%			
Power Supply	380V 50Hz			

Consumables and Recommended Replacement Time:

Standard Quantity (Recommended Replacement Time)	BKSROEZ-300	BKSROEZ-500	BKSROEZ-750	BKSROEZ-1000
250L/H RO Membrane	4(12 month)	5(6 month)	/	/
1000L/H RO Membrane	/	/	3(12 month)	4(12 month)
EDI	1(12 month)			
Quartz Sand	70kg(12 month)		100kg(12 month)	200kg(12 month)
Coconut Shell Activated Carbon Filter	30kg(12 month)			75kg(12 month)
Ion Exchange Resin	80kg(12 month)		120kg(12 month)	125kg(12 month)
Water Softener Regeneration Salt	20kg(/)			
Sodium Hydroxide	2kg(/)			
Flow-through UV lamp	1(12 month)			
20" PP Filter	3(6 month)		5(6 month)	
20" Folding Filter Element	3(6 month)			

Application:

It can be used in scenarios such as hospitals, pharmaceuticals, chemical industries, inspection departments, biological and physical-chemical laboratories, etc.

Features:

* Automatic operation control, automatic start and stop, unattended.
* Preprocessing system automatic flushing and regeneration operation.
* Automatic cleaning and maintenance function of the reverse osmosis host, with automatic pulse flushing function.
* With no water protection, pressure protection and other safety self-locking devices.
* Multi-functional monitoring, water quality, flow, pressure and other online display.
* Intelligent balancing system ensures stable and safe operation of equipment.
* Integrated structure design of reverse osmosis host, small footprint, easy maintenance.



Technical Parameters:

Model	SCSJ-II-300L	SCSJ-II-500L	SCSJ-II-1000L
Water Output Type	DI water outlet *1, RO water outlet*1		
Water Output Speed	300L/h/set (25℃)	500L/h/set (25℃)	1000L/h/set (25℃)
Equipment Host Size (W*D*H)	1500*800*1800mm		
Water Utilization Rate	≥60%		
Desalinization Rate	≥99%		
Production Water Quality Treatment Method	Double stage reverse osmosis and EDI deep desalting device		
Control Mode	PLC automatic control, full color touch screen operation		
Producing Water Quality	10~18.2MΩ.cm		
Component	Preprocessing device, reverse osmosis device, EDI device and pure water supply device		
Power Supply	AC380V±10%, 50/60Hz		
Package Size (W*D*H)	Host: 1860*960*1830mm Accessory: 1100*1000*1740mm		Host:1960*960*1830mm Accessory:1100*1000*1740mm
Gross Weight	Host: 300kg Accessory: 500kg	Host:350kg Accessory:550kg	Host:400kg Accessory:600kg

Consumables and Recommended Replacement Time:

Standard Quantity (Recommended Replacement Time)	SCSJ-II-300L	SCSJ-II-500L	SCSJ-II-1000L
PP Filter Element	6(6 months)	6(6 months)	6(6 months)
Precision Filter Element	1(6 months)	1(6 months)	1(6 months)
Sodium Ion Resin	2(12~18 months)	2(12~18 months)	5(12~18 months)
Activated Carbon	1(12~18 months)	1(12~18 months)	2(12~18 months)
Reverse Osmosis Membrane	3(18~24 months)	6(18~24 months)	3(18~24 months)
EDI	1	1	1