

Laboratory Water Purifier



- 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 foot print easy maintenance.
 - * Tap water quality test, if not meet the requirements, the machine will automatically alarm.(Except SCSJ-II-1000LF)
 - * Increase the use information of consumables, when the consumables expire, the machine will alarm and remind the user to replace the consumables.(Except SCSJ-II-1000LF)
 - * Add removable casters for easy installation and field movement.(Except SCSJ-II-1000LF)
 - * 10-inch touch screen display, machine operating status and water quality monitoring of each part are displayed on the screen.(Except SCSJ-II-1000LF)

Technical Parameters:

Model		SCSJ-II-300LF	SCSJ-II-600LF	SCSJ-II-1000LF
Water Output Type		RO water outlet*1 and DI water outlet*1		
Water Output Speed		300L/h/set(25℃)	600L/h/set(25℃)	1000L/h/set(25℃)
External Size(Without Water Tank)(L*W*H)		1150*930*1530mm	1150*930*1530mm	1350*700*1700mm
Water Tank(Optional)		Φ720*1150mm	Φ720*1150mm	Φ1100*1350mm
External Size(With Water Tank)(L*W*H)		1870*930*1530mm		2500*1200*1800mm
Water Utilization Rate		≥60%		
Desalinization Rate		≥98%		
Production Water Quality Treatment Method		Single stage reverse osmosis and mixed bed resin		
Control Mode		10-inch touch screen, fully automatic control		PLC automatic control
Producing Water Quality		Ionic retention rate: 96~99%		
		Organic retention rate: >99%		
		Particle and bacterium retention rate: >99%		
		DI water: ≥10MΩ.cm under standard GB/T6682-2008		
Component		Preprocessing device, reverse osmosis device, mixed bed resin and pure water supply device		
Power Supply		AC220V, 50Hz(Standard); AC380V, 50Hz(Optional)		
Packing Size	Equipment host	1350*1130*1750mm	1350*1130*1750mm	2000*800*1950mm
	Accessory	1220*820*1250mm; 800*800*1200mm	1220*820*1250mm; 800*800*1200mm	1400*1000*950mm; 1100*1100*1500mm
Gross Weight(Equipment Host & Accessory)		450kg	450kg	900kg

Consumables and Recommended Replacement Time

Standard Quantity (Recommended Replacement Time)	SCSJ-II-300LF	SCSJ-II-600LF	SCSJ-II-1000LF
Coconut Shell Activated Carbon Filter	12kg(About 2 years)	/	
Quartz Sand	20kg(About 2 years)	100kg(About 2~3 years)	
Ion Exchange Resin	25L(About 2 years)	/	
PP Filter Element	20"*1(About 3 months)	1pc*2(About 1~3 months)	
Folding Filter Element	20"*1(About 6 months)	1pc*2(About 3~6 months)	
RO Membrane	2pcs(About 2 years)	4pcs(About 2~3 years)	
Polished Resin	30L(About 30000L of water)	/	
Resin Regeneration Exchange Agent	/	/	3kg(According to the test agent test cycle)
Activated Carbon	/	/	50kg(About 2~3 years)
Softened Resin	/	/	75L(About 2~3 years)
Fine Mixed Resin	/	/	50L(Replacement is recommended at 3-6 months)