

Laboratory Water Purifier

Application:

Provide ultra-pure water for biochemical room, laboratory department and laboratory water points.

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 can be optional		
Water Output Speed	300L/h/set (25°C)	500L/h/set (25°C)	1000L/h/set (25°C)
Equipment Host Size (L*W*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 (L*W*H)	Host: 1860*960*1830mm		Host:1960*960*1830mm
	Accessory: 1100*1000*1740mm		Accessory:1100*1000*1740mm
Gross Weight	Host: 300kg	Host:350kg	Host:400kg
	Accessory: 500kg	Accessory:550kg	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

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Features:

- * New design with a 7-inch color touch screen for comprehensive information display, offering a new touch control experience at your fingertips.
- * Six-stage filtration, large-capacity consumables, and extended service life.
- * Automatic RO film anti-scaling and washing function, effectively extend the life of the filter element.
- * Triple water quality and dual flow rate detection, with automatic water collection for RO and DI, capable of scheduled, quality-based and quantity-based automatic water collection.
- * Comprehensive consumables management and data processing enable a richer set of functional configurations.



Technical Parameters:

Model	BK-DI-20L	BK-DI-30L	BK-DI-40L
Water Output Type	RO water outlet*1, DI water outlet*1		
Water Output Speed (25°C)	20L/H	30L/H	40L/H
Purifying Procedure	PF+AC+RO+UV+DI+TF		
Purification System	PP filter*1		
	Active carbon filter*1		
	RO membrane 3012-300*1		
	12L deionization purification column*1		
	UV lamp*1		
DI Water Quality	Capsule filter*1		
	Resistivity		
	10~18MΩ.cm		
	Conductivity		
	0.055~0.1us/cm		
RO Water Quality	Heavy Metal		
	<0.1ppd		
	Particle		
	<0.1cfu/mL		
	Bacteria (>0.2μm)		
RO Water Quality	<1/mL		
	Ion Rejection Rate		
	96%~99%		
	Organic Rejection Rate		
	>99%		
RO Water Quality	Particle and Bacteria		
	>99%		
	Rejection Rate		
	>99%		
	>99%		
Display	7-inch touch screen		
Water Quality Testing	Tap water, RO and DI water quality testing		
Water Storage	External pressure water tank		
Consumable Alarm	Alarms for the lifespan of consumables at various levels, displaying the used time and quantity, with automatic reminders for replacement upon expiration		
Flow Rate	2.0L/min (With external pressure tank)		
Standard Accessory	Pressure water tank		
Optional Accessories	USB interface, SD card slot, RS232 interface for connection to a mini printer or monitoring software, multi-specification water storage tank, compatible with pressure water tanks and water level tanks for two types of pure water storage methods, water dispensing arm		
	Power Supply		
	AC 100~240V, 50/60Hz		
	Consumption		
	60W		
External Size (W*D*H)	535*400*640mm		
Package Size (W*D*H)	Main machine: 600*460*750mm		
	Accessory kit: 415*285*465mm		
Net Weight	46.5kg		
Gross Weight	Main machine: 60kg		
	Accessory kit: 5kg		