

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°C) | 600L/h/set(25°C) | 1000L/h/set(25°C) |
| 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: ≥10MQ.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 |
| | Accessory | 1220*820*1250mm | 1050*750*880mm |
| Gross Weight(Equipment Host & Accessory) | 450kg | 450kg | 600kg |

Consumables and Recommended Replacement Time

| Standard Quantity (Recommended Replacement Time) | SCSJ-II-300LF | SCSJ-II-600LF | SCSJ-II-1000LF |
|--|----------------------------|----------------------------|---|
| Activated Carbon | 15kg(About 2 years) | 15kg(About 2 years) | 50kg(About 2~3 years) |
| Quartz Sand | 50kg(About 2 years) | 50kg(About 2 years) | 100kg(About 2~3 years) |
| Softening Resin | 25L(About 2 years) | 25L(About 2 years) | 75L(About 2~3 years) |
| PP Filter Element | 1pc*2(About 3 months) | 1pc*2(About 3 months) | 1pc*2(About 1~3 months) |
| Folding Filter Element | 1pc*2(About 6 months) | 1pc*2(About 6 months) | 1pc*2(About 3~6 months) |
| Reverse Osmosis Membrane | 2pcs(About 2 years) | 2pcs(About 2 years) | 4pcs(About 2~3 years) |
| Fine Mixed Resin | 30L(About 30000L of water) | 30L(About 30000L of water) | 50L(Replacement is recommended at 3-6 months) |
| Resin Regeneration Exchange Agent | / | / | 3kg(According to the test agent test cycle) |