

Laboratory Water Purifier

Features:

- \* Equipped with low-pressure and high-pressure protection functions.
- \* Front-mounted water outlet, button-type water intake.
- \* Dual UV Lamp(Optional).
- \* Water-electricity separation design with high safety.
- \* Online monitoring flowmeter, it records the water output throughout the entire consumable cycle.
- \* With a flushing function to extend the service life of consumables.
- \* 1-channel water quality detection, online monitoring of electrical conductivity, consumable life alarms for all levels.



Technical Parameters:

| Model                      |                                                                                                | SCSJ-II-80LPro                                                                                                                                                                                 | SCSJ-II-100LPro |
|----------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Water Output Type          |                                                                                                | RO water outlet*1 and DI water outlet*2                                                                                                                                                        |                 |
| Water Output Speed         |                                                                                                | 80L/H                                                                                                                                                                                          | 100L/H          |
| Purifying Procedure        |                                                                                                | PF+AC+RO+DI                                                                                                                                                                                    |                 |
| Water Supply Requirements  |                                                                                                | Municipal water, the inlet water pressure is 0.1~0.3MPa, and the water quality meets the requirements of GB57492, 5~40℃                                                                        |                 |
| Environmental Requirements |                                                                                                | Temperature: 15~35℃, relative humidity ≤80%; place near a water source, avoid strong sunlight, and keep it stable as the principle                                                             |                 |
| Purification System        |                                                                                                | 20" PP filter*1<br>20" Granular activated carbon filter*1<br>20" Activated carbon block filter*1<br>400GDP RO membrane*2<br>Deionization column purification column*1<br>T33 filter (Optional) |                 |
| DI Water Quality           | Resistivity                                                                                    | 10~18.2MΩ.cm                                                                                                                                                                                   |                 |
|                            | Conductivity                                                                                   | 0.055~0.1μs/cm                                                                                                                                                                                 |                 |
|                            | Absorbance<br>(254 nm, 1 cm path length)                                                       | ≤0.001                                                                                                                                                                                         |                 |
|                            | Soluble Silicon(SiO <sub>2</sub> )                                                             | ≤0.01                                                                                                                                                                                          |                 |
|                            | Complies with Grade 1 water standard of GB 6682-2008 (Standard for Water Used in Laboratories) |                                                                                                                                                                                                |                 |
| RO Water Quality           | Ion Rejection Rate                                                                             | 96%~99%                                                                                                                                                                                        |                 |
|                            | Organic Rejection Rate                                                                         | >99%                                                                                                                                                                                           |                 |
|                            | Particles and Bacteria Rejection Rate                                                          | >99%                                                                                                                                                                                           |                 |
| Flow Rate                  |                                                                                                | 3300ml/min (When the water tank is full of water)                                                                                                                                              |                 |
| Consumption                |                                                                                                | 84W                                                                                                                                                                                            |                 |
| Power Supply               |                                                                                                | AC100~240V, 50/60Hz                                                                                                                                                                            |                 |
| Standard Configuration     |                                                                                                | Main body, 40L water tank, accessory pack                                                                                                                                                      |                 |
| External Size(W*D*H)       |                                                                                                | 430*600*1100mm                                                                                                                                                                                 |                 |
| Package Size (W*D*H)       | Instrument                                                                                     | 513*758*1277mm                                                                                                                                                                                 |                 |
|                            | Accessory Box                                                                                  | 605*315*165mm                                                                                                                                                                                  |                 |
| Gross Weight               |                                                                                                | 70kg                                                                                                                                                                                           |                 |

Features:

- \* Nano RO membrane filters tiny substances more efficiently.
- \* Fully automatic control, one-key boot, simple operation.
- \* With high pressure and low pressure protection, safer operation.
- \* With consumable replacement alarm.
- \* Compliance with national standard GB/T6682-2008 water requirements.
- \* LCD display, display water quality information.



Technical Parameters:

| Model                      |                                       | SCSJ-II-120L                                                                                                                                                 | SCSJ-II-150L | SCSJ-II-200L |
|----------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| Water Output Type          |                                       | RO water outlet*2 and DI water outlet*2                                                                                                                      |              |              |
| Water Output Speed         |                                       | 120 L/H                                                                                                                                                      | 150 L/H      | 200 L/H      |
| Purifying Procedure        |                                       | PF+AC+RO+DI                                                                                                                                                  |              |              |
| Water Supply Requirement   |                                       | When working, the inlet water pressure is 0.1~0.3Mpa, and the water quality meets the requirements of GB5749, 5~45°C                                         |              |              |
| Environmental Requirements |                                       | Temperature 15~35°C<br>Relative Humidity ≤80%                                                                                                                |              |              |
| Purification System        |                                       | 20"PP filter*1, 20" granular active carbon filter*1 ,<br>20" compressed activated carbon filter*1, 400GPD RO membrane *2, Deionization purification column*2 |              |              |
| DI Water Quality           | Resistivity                           | 10~18.25MΩ.cm                                                                                                                                                |              |              |
|                            | Conductivity                          | 0.055~0.1μs/cm                                                                                                                                               |              |              |
|                            | Heavy metal                           | <0.1ppb                                                                                                                                                      |              |              |
|                            | Particle                              | <1/ml                                                                                                                                                        |              |              |
| RO Water Quality           | Bacteria                              | <0.1cfu/ml                                                                                                                                                   |              |              |
|                            | Ion rejection rate                    | 96%~99%                                                                                                                                                      |              |              |
|                            | Organic rejection rate                | >99%                                                                                                                                                         |              |              |
|                            | Particles and bacteria rejection rate | >99%                                                                                                                                                         |              |              |
| Water Bucket               |                                       | External bucket(100L)                                                                                                                                        |              |              |
| Consumption                |                                       | 230W                                                                                                                                                         |              |              |
| Power Supply               |                                       | AC100~240V, 50/60Hz                                                                                                                                          |              |              |
| Standard Configuration     |                                       | Main body, external bucket, accessory box                                                                                                                    |              |              |
| Instrument Size(W*D*H)     |                                       | 750*600*1200mm                                                                                                                                               |              |              |
| Package Size(W*D*H)        | Instrument                            | 704*540*1165mm                                                                                                                                               |              |              |
|                            | External Bucket                       | 544*544*854mm                                                                                                                                                |              |              |
|                            | Accessory Box                         | 555*315*170mm                                                                                                                                                |              |              |
| Gross Weight               |                                       | Instrument: 95kg; External bucket:13kg; Accessory box:15kg                                                                                                   |              |              |