

SASTEC Large Volume Water Purification System for Steam Sterilizer & Washer/ Disinfector



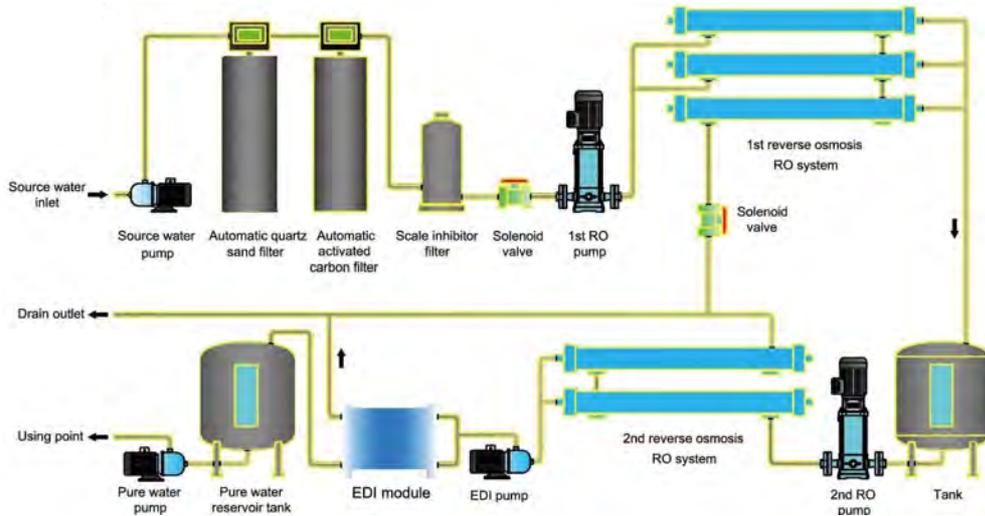
- SASTEC Large Volume Water Purification System for Steam Sterilizer & Washer/ Disinfector integrates pretreatment filter (quartz sand and activated carbon), double stage reverse osmosis membrane, EDI module, 150 liters buffer tank (for 1st stage RO water), 250 liters stainless steel tank (SUS304, for Edi Water), pure water supplying and tube circulation system into one body.
- It includes all the components from source water boost to pure water supply. Systems output ranges from 250 to 500 liters/ hour. And it achieve the aim, providing pure water with the resistivity more than 15MΩ.cm, in the low running cost.
- It meets the requirement of pure water for mass production and lab central water supply.
- In additional, ultrapure polishing resin cartridge, UV lamp module, UF module and terminal filter is optional for system upgrade, achieving the ultrapure water standard-18.2MΩ.cm, low TOC value, low bacteria and low endotoxin.
- It completely meets the highest grade I standard of ASTM, CAP, CLSI, EP and USP.

Features and Advantages

- Integration Design
 - Integrating pretreatment filter (quartz sand and activated carbon), double stage reverse osmosis membrane, EDI module, 150 liters buffer tank (for 1st stage RO water), 250 liters stainless steel tank (SUS304, for Edi water), pure water supplying and tube circulation system into one standard product, to avoid big floor space, non-standard design process.
- Advanced PLC controlling system, comprehensive monitoring and warning function
 - With PLC controlling system, to control the system' s running, monitor and warn every parameter in whole water treatment process, including no feed water, full water, water quality' s standard exceeding, abnormal water pressure, water level, flow velocity.
- Easy touch screen panel and optional running data storing function
 - All working status will be shown on the touch screen. And start-up and shut down of the pump and valve can be controlled through the touch screen, button or switch (under the touch screen). Moreover, auto running data storing function through RS232/USB communication port to computer is optional.
- Reliable safety
 - Separated design of water and electricity, using mass low-voltage apparatus in the most, multiple alarm function: no feed water, full water, water quality' s standard exceeding, electric equipment' protection against overload and short circuit, and so on.
- Good extension
 - Central series' deionized water could be feed water for Smart-D, Master-D and Dura series, to purify and enhance the water quality from 15 to 18.2MΩ.cm, meeting the requirements of the highest grade I standard of ASTM, CAP, CLSI, EP and USP.

- Integrating pretreatment filter (quartz sand and activated carbon), double stage reverse osmosis membrane, EDI module, 150 liters buffer tank (for 1st stage RO water), 250 liters stainless steel tank (SUS304, for Edi water), pure water supplying and tube circulation system into one body, Central R2E 250/500' s output ranges from 250 to 500 liters/hour.
- The Edi I deionized water' s resistivity is more than 15 MO.cm, in the low running cost. It meets the requirements of pure water for mass production and lab central water supply.

Features and Advantages



Specification of Water Purification System

| Model | ST-R2E 250 | ST-R2E 500 |
|----------------------------------|--|------------------|
| Output (25°C)- Edi Water* | 250 Liters/ Hour | 500 Liters/ Hour |
| Deionized Water Quality | | |
| Resistivity (25°C) | >15MΩ.cm | |
| RO Water Quality | | |
| Conductivity- 2nd stage RO Water | 1-5µs/ cm* | |
| Feed Water Requirements | Tap water, Temperature: 5-45, Pressure: 1.0-4.0Kgf/ cm2 | |
| Flow Process | Quartz sand + Activated carbon + Micro filter + 1st stage RO + 2nd stage RO + EDI module | |
| Dimension | 170L x 78W x 180H cm | |
| Weight | About 300Kg | |
| Electrical Requirements | AC380V, 50Hz | |
| Power | 6Kw | 7Kw |
| Standard Configuration | Main body (including 1 set of cartridge) | |

- Remarks:
 - The value will be influenced by temperature and feed waters quality.