

Laboratory Pure Water System



Introduction:

Laboratory water purifier is a kind of laboratory water purification equipment. It is a water treatment device that removes solid impurities, salt ions, bacteria and viruses in water through pretreatment, reverse osmosis, EDI, and other methods.

Features:

- * PLC program control, automatic operation of forward washing, backwashing, salt absorption and water replenishment, no need for personnel supervision.
- * 7-inch PLC electronic touch screen, intuitive display of working status, convenient human-computer interaction.
- * The program is equipped with low-voltage and high-voltage alarms, and the machine will automatically stop when it fails, effectively preventing machine damage.
- * Online monitoring function of raw water, pure water and ultrapure water quality.
- * The reverse osmosis membrane is automatically flushed regularly to extend the service life of the membrane.
- * Equipped with a liquid level switch, it will automatically stop when the water is full and automatically replenish water when it is short of water.
- * The machine is equipped with an ozone generator and ultraviolet sterilization device to ensure the killing of bacteria and microorganisms in the water.
- * Equipped with a 0.5T stainless steel sterile water tank to ensure that the reserve water is not contaminated.

Technical Parameters:

Model	BKSROEZ-300	BKSROEZ-500	BKSROEZ-750	BKSROEZ-1000
Pure Water Capacity	300L/H	500L/H	750L/H	1000L/H
Supply Water	City tap water, water temperature 2-45°C, water pressure 0.2-0.5Mpa, TDS<300ppm			
Ambient Temp.	2-45°C			
Purified Water Conductivity	≤0.01ms/m			
Absorbance (254nm, 1cm optical path)	≤0.001			
Soluble Silicon (expressed as silica)	≤0.01mg/L			
Ion Removal Rate	≥99%			
Power Supply	380V 50Hz			