

Water treatment- for medical institutions

B10/B20

Water treatment adopts reverse osmosis technology with the highest filtration level.It can filter substances larger than 0.0001 microns,which is 100 times the accuracy of water purifiers.The water treatment is a filtration technology that can remove heavy metals, antibiotics, organic matter to avoid limescale,discoloration and corrosion of instruments caused by water quality.It provides cleaning and sterilization water that meets disinfection supply standards for dental clinics and hospitals.

Aviation grade RO purification technology

Demineralised water produced by water treatment meets the water quality standards for disinfection,cleaning and sterilization.It is the optimal way to obtain purified water for medical use.

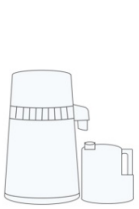
- Automatic washing technology

The filter holes of the filter element may be blocked by impurities accumulated on the surface. Our water treatment adopts automatic washing technology to flush away impurities to avoid the reduction of water output brought by filter clogging and to extend the life of the filter element.

- Easy installation

Easy to install,no need of connection with sterilizers and no affect of electrical safety of connected medical equipments.

- Low water production costs






	Distilled water machine	Distilled water in barrels	RO Water Treatment (Cabinet type)
Water production efficiency	1L/h	18.9L/barrel（$4.9）	60L/h
Electricity costs	$0.13/L	$0/L	$0.00028/L
Water costs	≈ $0.1/Cycle	≈ $0.2/Cycle	≈ $0.0002/Cycle
Application	Applicable for sterilizers	Applicable for one or more sterilizers.	Cleaning & sterilization



Water treatment (cabinet type) B10

B10 is capable of eventually producing up to 400 gallons water by improving the reverse osmosis membrane and booster pump to increase the flow rate.B10’s purification speed is higher than that of the traditional water purifier to meet a variety of purposes of water supply such as steam sterilizer,cleaning and disinfection machine,ultrasonic cleaning machine and pure water faucet.

- Providing cleaning water for instruments

B10 installs an independent pure water faucet to flush the instrument directly in order to protect the instrument from being damaged by water-containing substances in tap water.The hospital's disinfection supply room requires an independent supply of pure water, but the cost is extremely high, which is difficult for ordinary dental clinics to afford. While B10 could solve the problem of pure water supply for cleaning in small and medium-sized medical institutions with economic cost. Fast speed of water output with large volume, which is sufficient for the cleaning and rinsing of the instrument.

- Hidden installation

B10 is installed in the cabinet under the countertop, not only affect the decoration style, but also save the limited table space in the disinfection supply room. Independent pure water faucet with no water pipes and wires exposed to ensure the table is clean and neat.



Water treatment (top type) B20

The traditional distilled water treatment has a slow water speed and cannot meet the needs of multiple sterilizers in the same period. B20 reaches a large flow rate of 100 gallons, which can satisfy the water of multiple sterilizers at the same time.

B20A: Applicable for one sterilizer with internal water tank. When the water tank is full, it will automatically stop to prevent the water tank from overflowing.
B20B: Applicable for multiple sterilizers with external water connection.
B20C: Applicable for one sterilizer with built-in water tank and multiple sterilizers with external water connection at the same time.

RO Water Treatment Selection Guide



Type	B10	B20
Water production efficiency	60L/h	15L/h
Application	Cleaning & sterilization	Applicable for one or more sterilizers
Installation	Easy installation, no need to connect sterilizer	

Technical Parameter

Name	Water treatment (cabinet type)	Water treatment (top type)
Model	B10	B20
Dimensions	375mm(W)*442mm(H)*235mm(D)	562mm(W)*226mm(H)*455mm(D)
Power	220V/50HZ/96W	220V/50HZ/70W
Weight	15KG	12KG
Net water flow	60L/hour	15L/hour