



Water Purification System LWPS-A10

Description :

Water Purification System LWPS-A10 is a Type I water treatment system and the feed water is RO or distilled water. It mainly consists of pretreatment system, RO system, ultrapure water system conveying unit and control system. It consists of 254 nm UV lamp to remove the bacteria in the system and 185nm UV lamp to reduce TOC. Fully automatic control over the whole process, e.g. automatic water preparation, when water tank is full, automatically stop the system and cut off the power and water. Built-in RO membrane timing automatic flush procedures, and manual RO membrane cleaning button is available.

Specifications :

Water quality	One stage (Type I)
Feed water	RO water /Distilled water Water temperature: 5 ~ 40°C
Resistivity	18.25 MΩ.cm @ 25 °C
TOC	< 5ppb
Bacteria	< 0.1 cfu/ml
Endotoxin	< 0.001 EU/ml
Particle	(> 0.22μm) <1/ml
Absorbance	(254nm,1cm optical distance) < 0.001 EU/ml
Reactive Silica(SiO ₂)	< 0.01 ppm
RNases	< 0.01 ng/ml
DNases	< 4 pg/μl
Temperature	5 °C ~ 40 °C
Humidity	10 % ~ 80 %
Water production rate	Type 1 water flow rate: 1-1.5 L/min



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