

Puring Ultimate water purification system

Puring Ultimate Ultrapure water system designed for: a strong ability to adapt to the raw water, high water flow, long life Consumables, water quality excellent stability, adjustable parameters of the system, can support biochemical analyzer. Designed to achieve the above, Puring Ultimate Ultrapure water system not only has the Classic, Professional Ultrapure water system technology advantages, also made the following specific design.

Technical Features

- I A strong ability to adapt to the raw water, high water flow. Ultimate Ultrapure water system pre-treatment cartridge is 20" with three-channel or multi-fill manual self-cleaning filter almost can adapt to all raw water. High desalination rate Industrial-grade reverse osmosis membrane (desalination rate > 99%), One reverse osmosis cartridge production to 60 or 120 liters of pure water per hour.
 - I Long life Consumables. Pretreatment unit configured 20 "Crystal scale inhibitor, service life enhance more than 5 times. if configure multi-fill manual self-cleaning filter, almost no need to replace pre-treatment Consumables, just regular back washing filter. Reverse osmosis unit configured high desalination rate Industrial-grade reverse osmosis membrane, service life than ordinary grade of reverse osmosis membrane upgrade 3-4 times. Polishing mixed-bed resin filled capacity increase of 5 times, and the high desalination rate of reverse osmosis membrane produce better quality pure water, making longer service life of equipment Consumables.
 - I Water quality excellent stability, adjustable parameters of the system. Only high quality pure water can produce high quality ultrapure water. Pure water to generate high-quality conditions: the raw water quality qualified, excellent quality reverse osmosis membrane, operating parameters (pressure, flow, etc.) correctly. Puring Ultimate water purification system configured 20 "Crystal scale inhibitor filters or multi-fill manual self-cleaning filter, can feed qualified source water to reverse osmosis system. At the same time, high desalination rate Industrial-grade reverse osmosis membrane is very good quality. Puring Ultimate water purification system is equipped with two pressure gauges, two flow meters and a pressure regulating valve, according to different raw water quality, working conditions and equipment operating parameters conditioning system so that equipment is always running in the best condition.
 - I Can support biochemical analyzer. Biochemical analyzer for the quality of ultrapure water systems do not ask for high (about 10 MΩ.cm ultra-pure water can meet), but the larger the volume of water consumed. Puring Ultimate Ultrapure water system, whether production capacity or water quality are fully capable of support to meet the biochemical analyzer.
- In addition, Puring Ultimate Ultrapure water system also includes: Pretreatment cartridge, reverse osmosis, post-processing cartridge all-in-one design, simplifying the piping connections. installation and maintenance convenience. single-chip CPU fully automatic control, fault acousto-optic self-alarm system, LED water quality show, ergonomic design of human-computer interface Etc.



Spec Sheet

Model	PUR	PUC	PUB	PUA
Applications	Biochemical reagents	Batteries	Chemical reagents	Semiconductor
	Pilot pure water	Plating	IC	IC
	Tissue Culture	V ₂ O ₅	Coated glass	LCD Monitor
	Fertilizer	Reagent Preparation	Microelectronics Cleaning	Ultrasonic Cleaning
	Electrophoresis paint, surface coating	Hydroponics	Dissolution experiments	Pilot ultrapure water
	Host of central ultrapure water system	Biochemical analyzer	Biochemical analyzer	Optical lens
Pure Water Specifications				
Conductivity ^[2]	2~10µs/cm			
Ultrapure Water Specifications				
Inorganics ^[2]	No ultrapure water	5~15MΩ.cm	15~18.2MΩ.cm	18.2MΩ.cm
TOC		<30ppb	<15ppb	3~10ppb
Bacteria		<1 CFU/ml ^[1]	<1 CFU/ml ^[1]	<1 CFU/ml ^[1]
Other specifications				
Make up rate ^[2]	60、120 l/hr			
Flowrate (max)	2 l/min			
Feedwater TDS	<300ppm			
Feedwater Pressure	0.15~0.5Mpa			
Storage Reservoirs	42 Liter/76 Liter			
Pretreatment Cartridge	20-inch 3-channel external (Crystal scale inhibitor)			
Mains Input	220VAC/50Hz			
Power consumption	300W			
Dimensions (W×H×D)	443×1072×598mm			
Weight	35Kg	45Kg	45Kg	45Kg

Notes:

[1] With UV Sterilizer.

[2] Test at 25°C.

Above-mentioned configuration as the standard configuration, if non-standard can contact us.

Visit <http://www.ccdpy.com> to learn more product information.