

Puring Professional water purification system

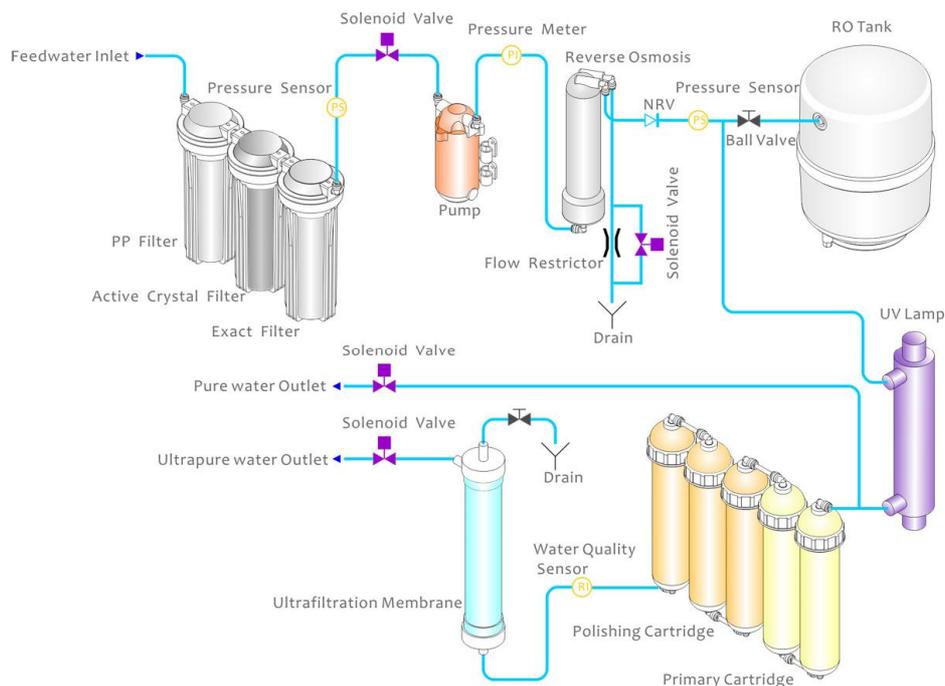
Puring Professional water purification system integrated pretreatment cartridge, reverse osmosis, post-processing cartridge in a chassis, installation and maintenance convenience, structure of science. Independent of the electric control box design, separation of water and electric controller parts, so that equipment safer and more stable. Single-chip microcomputer automatic control, fault alarm sound and light, LED monitor production water quality, ergonomic user interface design, waterproof safe film button, High-quality filters, all of these in order to achieve Puring Professional water purification system design purposes: full-featured, the use of safe, convenient operation, stable quality, producing high-quality water.

Technical Features

- | Optimize the process to get the best water quality.
- | Core components are imported.
- | Activity crystal filter can be an effective anti-scaling, long service life.
- | CAD design of the product structure.
- | Pretreatment cartridge, reverse osmosis, post-processing cartridge all-in-one design, simplifying the piping connections.
- | Independent of the electric control box design, operation safer and more stable.
- | Ergonomic user interface design.
- | 24VDC DC power supply, only a few dozen watts.
- | Single-chip automatic control equipment for 24-hour standby operation.
- | Water quality monitoring at a glance via the easy to read electronic display.
- | Audio visual alarms for low raw water pressure, at the same time automatically entered the standby mode.
- | Boot and standby automatic washing, effectively extending the service life of membranes.



Process Flow of water purification



Spec Sheet

Model	PPR	PPB	PPA
Applications	Rinse containers	HPLC	Molecular Biology
	General experimental	Tissue Culture	Cell Culture
	Experimental College Students	Ion Chromatography	Amino acid analysis
	ELISA machine, plate washer	AAS,ICP	Electrochemistry
	Chemical reagents	Mass Spectrometry	Toxicology
	Qualitative analysis ...	Trace analysis ...	high-precision instrument ...
Pure Water Specifications			
Conductivity ^[3]	2~10µs/cm	2~10µs/cm	2~10µs/cm
Ultrapure Water Specifications			
Inorganics ^[3]	No ultrapure water	15~18.2MΩ.cm	18.2MΩ.cm
TOC		5~10ppb	1~3ppb
Bacteria		<1 CFU/ml ^[1]	<1 CFU/ml ^[1]
Bacterial endotoxin		<0.001 EU/ml ^[2]	<0.001 EU/ml ^[2]
Other specifications			
Make up rate ^[3]	8、12、24 l/hr	8、12、24 l/hr	8、12、24 l/hr
Flowrate (max)	1.5 l/min	1.5 l/min	1.5 l/min
Feedwater TDS	<200ppm	<200ppm	<200ppm
Feedwater Pressure	0.15~0.5Mpa	0.15~0.5Mpa	0.15~0.5Mpa
Storage Reservoirs	12 Liter /23 Liter	12 Liter /23 Liter	12 Liter /23 Liter
Pretreatment	10-inch 3-channel external	10-inch 3-channel external	10-inch 3-channel external
Cartridge	(Crystal scale inhibitor)	(Crystal scale inhibitor)	(Crystal scale inhibitor)
Mains Input	220VAC/50Hz	220VAC/50Hz	220VAC/50Hz
Power consumption	60VA	60 VA	60 VA
Dimensions (W×H×D)	368×563×508mm	368×563×508mm	368×563×508mm
Weight	22Kg	25Kg	25Kg

Notes:

[1] With UV Sterilizer.

[2] With Ultrafiltration Pyrogen Removal.

[3] 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.