

## Puring Classic water purification system

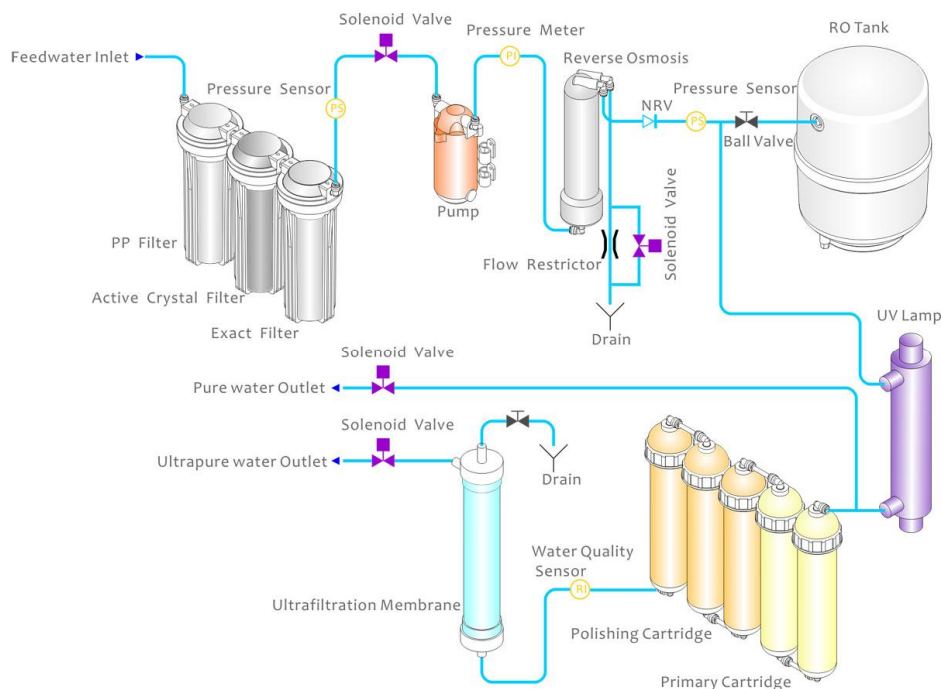
Puring Classic water purification system producing ultrapure water with reverse osmosis and Ion-exchange directly connected to city water supply, Production of ultrapure water to meet water quality GB laboratory water quality GB6682-2008 Grade 1. Puring Classic water purification system design is simple and powerful system for water purification. Space saving in design with Concise fashion shape. Pretreatment cartridges placed under the table, to save desk space. Puring Classic water purification system is your good partner for laboratory ultrapure water production.

### 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.
- | The structure of water and circuit separation, more safe and reliable operation.
- | Concise fashion appearance, did not occupy the extra desk space.
- | 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	PCR	PCB	PCA
Applications	Rinse containers	AAS atomic absorption	HPLC
	Students experiment	IC-Ion Chromatography	AAS atomic absorption
	Humidifying machine	Toxin detection	ICP atomic emission
	Sterilization pot	Immunodiagnosics	IC-Ion Chromatography
	Feed to Ultra-pure System	Plant cell culture	Bio-engineering
	Other equipment ...	Microelectronics clean water ...	Electrophoresis, gel analysis ...
<b>Pure Water Specifications</b>			
Conductivity <sup>[3]</sup>	2~10µs/cm	2~10µs/cm	2~10µs/cm
<b>Ultrapure Water Specifications</b>			
Inorganics <sup>[3]</sup>	No ultrapure water	15~18.2MΩ.cm	18.2MΩ.cm
TOC		10~20ppb	5~10ppb
Bacteria		<1CFU/ml <sup>[1]</sup>	<1CFU/ml <sup>[1]</sup>
Bacterial endotoxin		<0.001EU/ml <sup>[2]</sup>	<0.001EU/ml <sup>[2]</sup>
<b>Other specifications</b>			
Make up rate <sup>[3]</sup>	8、12 l/hr	8、12 l/hr	8、12 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	12 Liter	12 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	50VA	50VA	50VA
Dimensions (W×H×D)	290×493×398mm	290×493×398mm	290×493×398mm
Weight	18Kg	20Kg	20Kg

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.