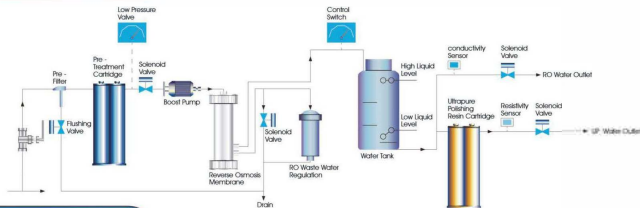


ZYR

Water purification system



flow Schematic



Specifications

Model	ZYR-I	ZYR-II	ZYR-III	ZYR-D
Optional capacity(L/H)	10L/H,20L/H			
Flow rate	Up to1.5- 2.0 liters/minute(with pressure tank)			
Feed water requirements	Tap water, temperature:5-45°C.pressure:1.0-5.0Kg			
RO water quality				
Conductivity(25°C)	2-10µs/cm	≤0.1-1µS/cm	2-10µS/cm	1-5µS/cm
Ion rejection rate	99% (new RO membrane)			
Organic rejection rate	>99%			
Particles and bacteria rejection	>99%			
Bacteria	/	/	<1cfu/ml	<1cfu/ml
Dimension and weight	Length×Width×Height:510×380×560mm, 35-40Kg			
Electrical requirements	AC110-240V, 50/60Hz			
Power(W)	30W-50W			
Terminal disinfection filter (TF)	N/A	N/A	N/A	N/A
UV lamp	N/A	N/A	yes	yes
UF	N/A	N/A	N/A	N/A
Standard configuration	Main body (Including 1 set of cartridge)+pressure tank			

Features and Advantages

- ZYR series is the sole leading brand of Chinese Good Instrument in lab water area. EspecialLY working with Biochemical analyzer
- It is the most representative products in Chinese lab water market.
- RO water, deionized water, or ultrapure water respectively.
- Cartridges replacing alarm function, based on time and water quality, show cartridges' used and residual life.
- Multiple alarm function: no feed water, full water, water quality's standard exceeding, and cartridge life ending.
- Auto self-flushing of RO membrane function, extend RO membrane's life.
- System sanitizing procedure, achieve the disinfection of ultrapure water's tube and valve.
- External water tanks is optional to meet different need and assure ample water-supply.
- Whole plastic shell with high-strength, avoid rusting and keep clean, to meet GLP standard.
- 2 door and easy-to-replacing cartridge design, convenient to maintain system and replace cartridges.
- Tube and adapter with NSF authorization and top quality, reduce TOC level and assure ultrapure water's quality.
- Optimized pretreatment (including PP fiber, KDF and active carbon cartridge), effectively protect RO membrane.
- High quality RO module membrane, ensure long life, stable operation and high desalinization rate.
- DOW's top polishing resin, ensure ultrapure water's quality up to 10 MΩ.cm, with the lowest TOC level.

Typical Scientific Applications

- Qualitative analysis
- Animal watering
- Aquariums
- Autoclave feed
- Glassware Washing/rinsing
- biochemical analysis of chemical reagents;
- buffer conventional physical and chemical detection;
- Wahsing machines
- biochemical analyzer