



ZY LABWATER

SICHUAN ZHUOYUE WATER TREATMENT EQUIPMENT CO.,LTD.

ZYPURE * WATER PURIFICATION (RO & DI) SYSTEM



Features and Advantages

- ZYPURE Series is the sole leading brand of Chinese Good Instrument in lab water area. Especially working with Biochemical Analyzer.
- 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 tank 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 10MΩ.cm, with the lowest TOC level.

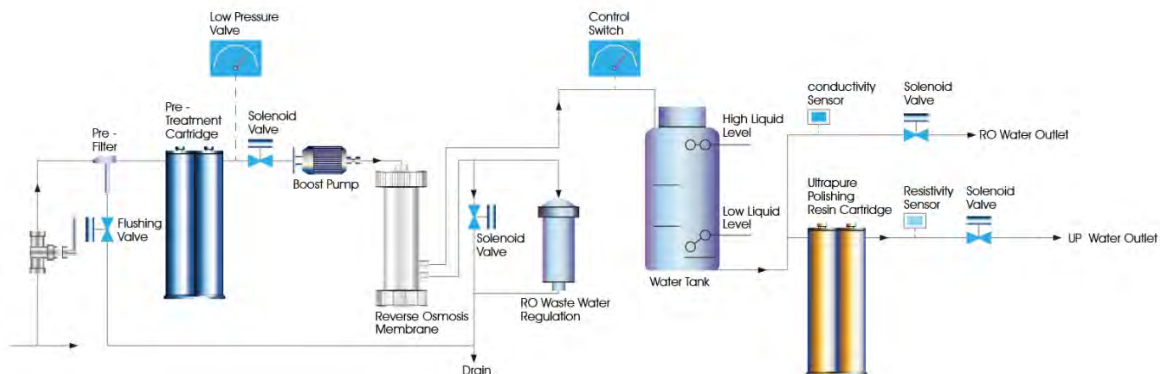


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Typical Scientific Applications

- Biochemical Analyzer
- Flame Photometry
- Biochemical and Chemical Analysis
- Autoclave feed



TECHNICAL SPECIFICATIONS

MODEL	ZYPURE-I-10L	ZYPURE-II-10L
Production Output (Tank empty , 25°C)	10 liter/hour	10 liter/hour
Flow Rate (Tank full)	1.5-1.8 liter/minute	1.5-1.8 liter/minute
Feed Water Requirements		
Source	Tap Water	Tap Water
TDS	< 200 ppm	< 200 ppm
Pressure	1-5 Kg/cm ²	1-5 Kg/cm ²
Temperature	5-40°C	5-40°C
RO-Pure Water (Type III) Quality		
Conductivity (25°C)	< 2-10 µs/cm	< 2-10 µs/cm
Ion Rejection Rate (new RO membrane)	> 96-99%	> 96-99%
TOC-Organic Rejection Rate	> 99%	> 99%
Particles and Bacteria Rejection Rate	> 99%	> 99%
DI-Deionized Water (Type II) Quality		
Conductivity / Resistivity (25°C)	-	< 0.1-1 µs/cm / 8-10 MΩ.cm
Heavy Metal	-	< 0.1 ppb
Particles (≥ 0,2 µm)	-	< 1 pc/ml
Bacteria	-	< 1 cfu/ml
Electrical Power Requirements		
Voltage / Frequency	220 V / 50-60 Hz	
Dimensions (LxWxH) / Weight		
53 x 40 x 59 cm / 40 Kg		
RO Filter	Yes	Yes
DI-Resin Column	-	Yes
Standard Package	Main Unit (with 1 set cartridges in the machine) , 10lt Pressure Tank	
Production Output Selection		
10 , 20 , 40 , 60 , 100,120 liter/hour		