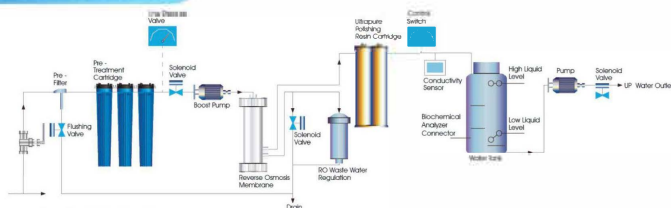


ZYTEST

pure water system
especially for Biochemical Analyzer



flow Schematic



Specifications

Model	ZYTEST-I	ZYTEST-II
Optional capacity(L/H)	10L/H,20L/H,40L/H	
Feed water requirements	Tap water, temperature: 5-45°C, pressure: 2.0-4.0Kg	
DI water quality		
Conductivity(25°C)	<0.1~1µs/cm	
Ion rejection rate	99% (new RO membrane)	
Organic rejection rate	>99%	
Particles and bacteria rejection rate	>99%	
Ultrapure water quality		
Resistivity(25°C)	N/A	18.25MQ.cm
Bacteria	N/A	N/A
Particle(≥0.2µm)	N/A	< 1/ml
Heavy metal ion	N/A	< 0.1ppb
Endotoxin(Pyrogens)		
TOC Level***	N/A	< 20ppb
Dimension and weight	Length×Width×Height: 510×380×570mm, 30~50Kg	
Electrical requirements	220V±10%/50Hz	
Power(W)	30W-50W	
Terminal disinfection filter (TF)	N/A	N/A
UV lamp	N/A	N/A
UF	N/A	N/A
Standard configuration	Main body (including 1 set of cartridge)+pressure tank	

Features and Advantages

- ZYTEST 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 18.2 MΩ .cm, with the lowest TOC level.

Typical Scientific Applications

- HPLC
- AES(Atomic Emission Spectrometry)
- AAS(Atomic Absorption Spectrophotometry) Buffer and media preparation Electrophysiology
- Mammalian and bacterial cell culture
- Plant tissue culture
- Qualitative analysis
- Animal watering
- Aquariums
- Autoclave feed
- Glassware Washing/rinsing
- Qualitative analyses Ultra trace analysis Western blotting
- biochemical analysis of chemical reagents;
- buffer conventional physical and chemical detection;
- Washing machines
- biochemical analyzer