

Eco-S series

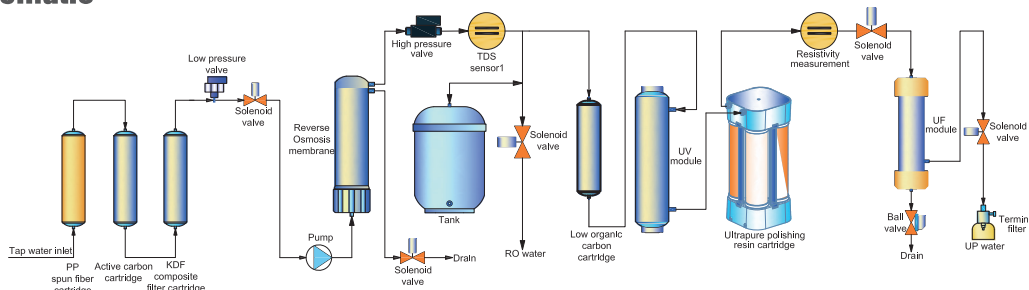
Ultrapure water system (Tap water inlet)

With LCD controlling system, 2 way water quality sensors, timing and quality dispensing, single stage RO system, 1 pump, and built-in 12 liters tank, Eco-S series ultrapure water system is economic choice of ultrapure water for high grade experiments.

With tap water inlet, its output ranges from 15 to 30 liters/hour. It can produce single stage RO water and ultrapure water. The single stage RO water's ion rejection rate is more than 97%, and the ultrapure water's resistivity absolutely reaches to 18.2MΩ.cm. It completely meets the highest grade I standard of ASTM, CAP, CLSI, EP and USP.



Flow Schematic



Specifications

Model	Standard	Eliminating endotoxin	Low TOC	Synthesizing
	Eco-S15	Eco-S15UF	Eco-S15UV	Eco-S15UVF
	Eco-S30	Eco-S30UF	Eco-S30UV	Eco-S30UVF
Output(25°C)*	15series-15 liters/hour, 30 series-30 liters/hour			
Flow rate	Up to 2 liters/minute (with pressure tank)			
Pure water outlet	2: reverse osmosis water, ultrapure water			
Ultrapure water quality				
Resistivity(25°C)	18.2MΩ.cm			
TOC*	<10ppb	<10ppb	<3ppb	<3ppb
Bacteria	<0.1cfu/ml			
Particle(>0.1μm)	<1/ml			
Endotoxin	N/A	< 0.001Eu/ml	N/A	< 0.001Eu/ml
RNases	N/A	<1pg/ml	N/A	<1pg/ml
DNases	N/A	<5pg/ml	N/A	<5pg/ml
RO water quality				
Ion rejection rate	97%-99% (new RO membrane)			
Organic rejection rate	>99%, when MW>200 Dalton			
Particles and bacteria rejection rate	>99%			
Feed water requirements	Tap water, temperature:5-45°C, pressure:1.0-4.0Kgf/cm ²			
Dimension and weight	Length×Width×Height:340×500×560mm / Weight: about 18Kg			
Electrical requirements	AC100-240V, 50/60Hz			
Power	72W			
Standard configuration	Main body (Including 1 set of cartridge)+built-in 12 liters pressure tank			

Remarks:

*The value will be influenced by temperature and feed water's quality.