

# MEDIUM RO WATER SYSTEM WPS53-125



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Modularly designed for functional and economical production of high-purity water. It is ideal for laboratory applications such as reagent preparation, constant temperature and humidity chamber, and glassware washing. Used in Food Industry, Beverage Industry, Agriculture, Boiler Feed, Disaster Relief Environmental, Hospital, Hotel, Marine, Military, Mining, Pharmaceutical, Power.

Also known as Laboratory RO water system.

## WPS53-125 MEDIUM RO WATER SYSTEM

Independent power control and automatic operation, easy to install, use and maintain.

Integrate level control, pressure pump, buffer tank and inlet valves together.

It is unnecessary to connect to the circuit of pure water main-body. It can run automatically according to liquid level of the tank.

Optional UV lamp module, to restrain bacteria's increase and reduce TOC.



## SPECIFICATIONS

Model	WPS53-125
Feed Water Requirements*	
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200 ppm)
Temperature	5-45°C
Pressure	1.0-4.0 Kg/cm <sup>2</sup>
Flow Procedure**	PF+AC+RO+AC
Ion rejection rate	96%-99% (New RO membrane)
Organic rejection rate	>99%, when MW>200 Dalton
Particles and bacteria rejection rate	>99%
Bacteria	<0.1 cfu/ml (with optional 0.2µm PES terminal filter)
Particles(>0.2µm)	<1/ml (with optional 0.2 µm PES terminal filter)
Output(25°C)***	125 L/hr
Pure water outlet	RO water
Water Quality Monitor	Portable TDS/conductivity test pen + on-line conductivity monitor
DimensionLxWxH	640x540x1110 mm
Weight	70 kg
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 liters tank+ TDS pen +accessory bag
Power Consumption (W)	240 W
Power Supply	AC110-220 V, 50/60 Hz
Note	*The feed water quality will influence the pure water's quality and cartridges life-span. **PF:polypropylene spun fiber, AC:active carbon, RO:reverse osmosis. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.



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