

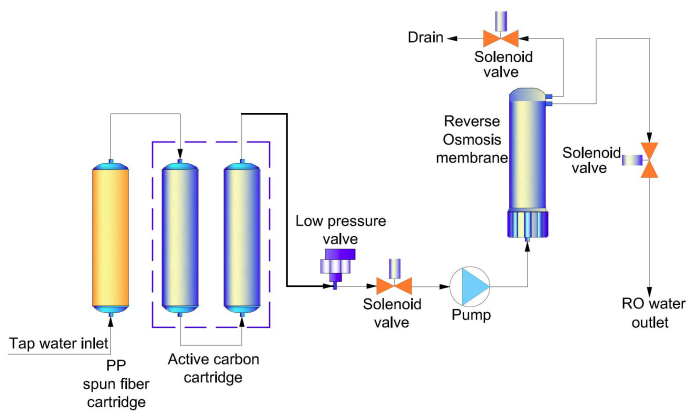
# Smart-RO series reverse osmosis water system (tap water inlet)

With injection molding process case, single stage RO system, 1 pump, and portable TDS test pen, Smart-RO series reverse osmosis water system is **economic choice** of RO water for general glassware washing.

With tap water inlet, its output ranges from 15 to 30 liters/hour. It can produce **single stage RO water**. The single stage RO water's ion rejection rate is more than 97% (new RO membrane), organic rejection rate >99% (when MW > 200 Dalton), particles and bacteria rejection rate >99%. It is suitable for glassware washing, feed of ultrapure water system, autoclave sterilizer, constant temperature and humidity chamber, salt spray test chamber, dampening machine and etc.



## Flow Schematic



## Specifications

Model	Smart-R015	Smart-R030
Output(25°C)*	15 liters/hour	30 liters/hour
Flow rate	Up to 2 liters/minute (with pressure tank)	
Pure water outlet	1: reverse osmosis water	
<b>RO water quality</b>		
Ion rejection rate	96%-99% (new RO membrane)	
Organic rejection rate	>99%, when MW > 200 Dalton	
Particles and bacteria rejection rate	>99%	
Bacteria	<0.1cfu/ml (with optional 0.45+0.1µm PES terminal filter)	
Particle(>0.1µm)	<1/ml (with optional 0.45+0.1µm PES terminal filter)	
Feed water requirements	Tap water, temperature:5-45°C, pressure:1.0-4.0Kg/cm <sup>2</sup>	
Dimension and weight	Length×Width×Height:410×220×420mm / Weight: about 16Kg	
Electrical requirements	AC100-240V, 50/60Hz	
Power	48W	72W
Standard configuration	Main body (Including 1 set of cartridge)+15 liters pressure tank+ TDS/conductivity test pen	

### Remarks:

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