

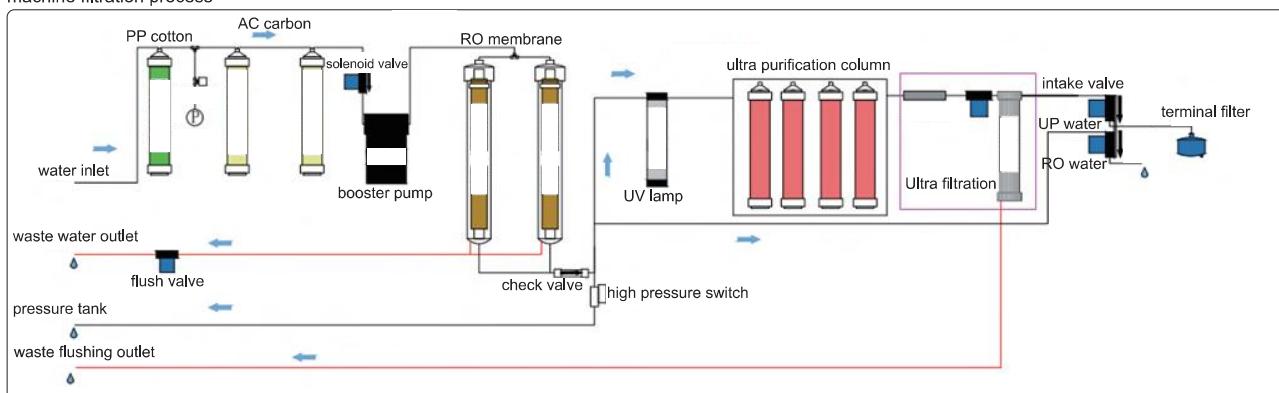
## WATER PURIFICATION SYSTEMS (STANDARD TYPE)

- Suitable for biological tissue, microbiological analysis, water quality analysis, etc.
- Quick-insert filter column is easy to replace and maintain
- The electrical appliance and waterways are completely separated to avoid circuit failure caused by moisture and water leakage
- Online water quality monitoring system
- Automatic RO membrane anti-scaling flushing program, automatic shutdown on water cut-off
- Equipped with water quality tester
- Double electric water intakes: RO water and UP water



PWS-U10

### machine filtration process



### SPECIFICATION

Code	PWS-U10	PWS-U20	PWS-U30		
Production rate	10L/hour	20L/hour	30L/hour		
Feed water requirement	urban tap water, inlet water pressure: 0.15~0.5MPa, water temperature: 5~40°C				
RO water quality	ion rejection rate	97%~99% (with new RO module)			
	organic rejection rate	>99% (MW>300dalton)			
	particles and bacteria rejection rate	>99%			
UP water quality	resistivity	18.2MΩ·cm@25°C			
	heavy metal ion	<0.01ppb			
	TOC	<3ppb			
	bacteria	<0.01CFU/ml			
	pyrogen (endotoxin)	<0.001EU/ml			
	particulate matter (>0.1microns)	<1/ml			
	RNases	<1pg/ml			
	DNases	<5pg/ml			
	Power supply	100~240V, 50/60Hz			
Dimension (L×W×H)	410×270×500mm				
Net weight	30kg				

## STANDARD DELIVERY

Main unit	1 pc
Purification column	1 set
12L pressure tank	1 pc
Water quality tester (0430-EA31)	1 pc
Accessory	1 set

## OPTIONAL ACCESSORY

Component name	Code	Function	Service life	Configuration quantity
PP filter	PWS-U10-PP	primary filtration: removal of coarse particles, colloids and suspended solids in water	4~6months	1 pc
Activated carbon filter	PWS-U10-AC	adsorbs off-flavors, discoloration, organic substances, certain heavy metals and other substances in water	4~6months	2 pcs
RO membrane*	PWS-U10-R10	removal of viruses, heavy metals and other organic impurities in water	1~2years	1 pc
	PWS-U10-R20			
	PWS-U10-R30			
Ultra-purification column	PWS-U10-UP	removal of most heavy metals and trace elements in water	1000L	4 pcs
UV lamp	PWS-U10-UV	reduces TOC, sterilizes and inhibits microbial growth	9000hours	1 pc
UF heat source column	PWS-U10-UF	removal of pyrogens, endotoxins, RNases and DNases in water	2~3years	1 pc
Terminal filter	PWS-U10-TF	filtration of bacteria, viruses and all micron-scale contaminants	2~3years	1 pc

\*PWS-U10-R10 is suitable for PWS-U10, PWS-U10-R20 is suitable for PWS-U20, PWS-U10-R30 is suitable for PWS-U30