

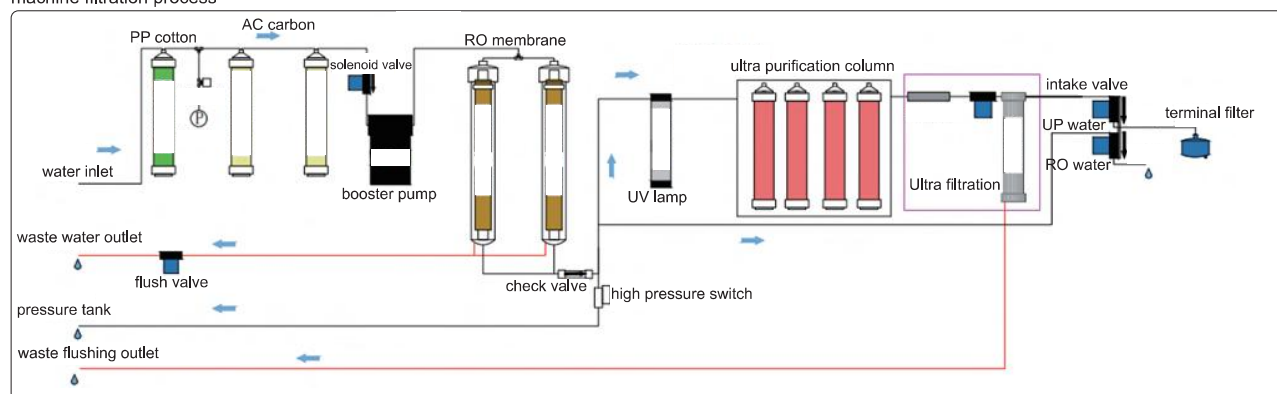
## WATER PURIFICATION SYSTEMS (STANDARD TYPE)

- 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

SPECIFICATION		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	18.2MQ·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	<b>PWS-U10-PP</b>	primary filtration: removal of coarse particles, colloids and suspended solids in water	4~6months	1 pc
Activated carbon filter	<b>PWS-U10-AC</b>	adsorbs off-flavors, discoloration, organic substances, certain heavy metals and other substances in water	4~6months	2 pcs
RO membrane *	<b>PWS-U10-R10</b>	removal of viruses, heavy metals and other organic impurities in water	1~2years	1 pc
	<b>PWS-U10-R20</b>			
	<b>PWS-U10-R30</b>			
Ultra-purification column	<b>PWS-U10-UP</b>	removal of most heavy metals and trace elements in water	1000L	4 pcs
UV lamp	<b>PWS-U10-UV</b>	reduces TOC, sterilizes and inhibits microbial growth	9000hours	1 pc
UF heat source column	<b>PWS-U10-UF</b>	removal of pyrogens, endotoxins, RNases and DNases in water	2~3years	1 pc
Terminal filter	<b>PWS-U10-TF</b>	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**