

# Laboratory Water Purification

## RO & UP System



### Features

- Certified CE, ISO 9001, ISO 14001
- Obtained GD, QD Mark (Good Design, Qualified Design)
- Auto regular recycling every hour
- Standby function : Auto recycling lower than setting value.
- Programmable by 2 steps for the filter exchanges to maintain water quality.
- 254/185 UV lamp
- MW 5000 UF filter
- PVDF 1/4 Dispensing gun

### Included Filter & Accessories

Prefilter, Super A/C Filter, RO Pack, Power UP Pack, Level Sensor, Manul, Hand Lever, Power cord

### Optional Accessories

PVDF1/4 Dispensing gun, Pretreatment system, Low pressure valve, Wall-mounting bracket, Frame, Water Tank, Vent Filter.

Model	ALWP - I		ALWP - II		ALWP - III	
Product flow rate (RO,UP)	Max.15L/Hr		Max.25L/Hr		Max.35L/Hr	
Daily Volume	60L/day		100L/day		120L/day	
Water Quality			RO: 0-30 $\mu$ /cm		UP: $\leq$ 18.3M $\Omega$ cm	
Display Range			Feed water : 0 to 999 $\mu$ s/cm (Optional)		Temperature : 0 to 99.9 $^{\circ}$ C (Optional)	
			Pure water : 0.0 to 250.0 $\mu$ s/cm		Ultra pure : 0.0 to 18.3M $\Omega$ -cm	
Controller			Microprocess one Touch technology			
Display			16 x 2 Characters Backlight LCD Digital Display			
Type	Scholar		Scholar-UV		Bio	Integrate
		PF		PF		
<b>Water Quality</b>						
- TOC(ppb)	5-10		0.5		5-10	0-5
- Endotoxin(Eu/ml)	NA	<0.125	NA	<0.125	<0.001	<0.001
- Bacteria (cfu/ml)	< 1		< 1		< 1	< 1
- Particles (>0.22 $\mu$ m/ml)	< 1		< 1		< 1	< 1
Controller Functions	1. Self Test : Self-test for diagnosing operating conditions.(Internal/External) 2. Auto cleaning 3. Built-in auto sensor calibration 4. Built-in auto reset function 5. Filter exchange indicator					
Safety function	1. Low pressure of tap water 2. Automatic motor stop functions					
Optional function	① PVDF1/4dispensing gun ② Pretreatment System					
Power Requirements	230 Vac, $\pm$ 20%, 50-60Hz					
Dimensions (L x W x H) / Weight	567 x 400 x 510mm / 1.5 kg					
Type	Scholar		Scholar-UV		Bio	Integrete
		PF		PF		
Type grade water	•	•	•	•	•	•
Analytical Instruments	•	•	•	•	•	•
AAS, ICP/MS, IC	•	•	•	•	•	•
HPLC, GC			•	•		•
TOC			•	•		•
Cell & tissue cultuer		•		•	•	•
In vitro fertilization		•		•	•	•
Electrophoresis		•		•	•	•
R Nase, D Nase & DNA free				•		•
Molecular Biology				•		•