

EQUIPO NANOPURIFICADOR MOD. CR-SMART-PUV

Model	Smart-PUV	Smart-PVF
Order No.	CR-Smart-PUV	CR-Smart-PVF
Description	Smart-P ultra-purified water system	Smart-P ultra-purified water system
Power Supply	Standard configuration - 220V/50Hz	
	Available upon special request - 220V/60Hz & 110V/60Hz	
	<i>Please note: Power supply is defaulted as standard configuration. Please remark on special request. Shipment date for special request might be later than standard configuration, please contact our salesperson to confirm.</i>	
Features	Inlet water requirement: RO water or purified water	
	1.5~2L/min output (ultrapure water)	
	Output water Resistance: 18.2MΩ.cm	
	TOC: 1~5ppb	
	N/A	Pyrogens: <0.001EU/ml
Standard Configurations	Main Unit	
	High pressure pump (CR-SP608)	
	Dual wavelength UV-lamp 254nm&185nm (CR-SPDWUV-1B)	
	Ultra-purification cartridge (CR-SP302M)	
	Ultra-purification cartridge (CR-SP303M)	
	Micro-filtration cartridge (CR-SP502B)	Ultrafiltration cartridge (CR-SP505)
	Point-of-use filter 0.22µm (CR-SP504B)	
	30L feeding water tank including a low level float sensor (CR-SP408B)	
	Air filter net for tank (CR-SP412)	
	Remote water dispenser (CR-SPRWD-1)	
	Water leakage protection sensor (CR-SP846)	
Optional Accessories	Please see Appendix	
Notice		

Smart P

Introduction

Ultrapure water from purified water

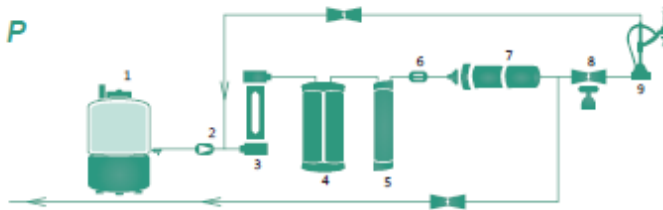
The purified water quality required as feedwater

- Tap water subjected to ion exchange, reverse osmosis or distillation
- Optimally, the purified water supplied by a Heal Force Smart E/Smart RO system

The contents of organic and inorganic substances in the feedwater are reduced to values approaching their limits by the serial combination of high-efficiency Heal Force purification technologies.



Smart P



Configuration

- 1 Water Tank
- 2 Ball Valve
- 3 Dual Wave UV Cartridge
- 4 Purification Module
- 5 Ultra-Purification Module
- 6 Conductivity Sensor
- 7 Ultra-Filtration Cartridge
- 8 Point-Of-Use Filter
- 9 Remote Water Dispenser

SMART-P System	SMART-PUV	SMART-PVF
Storage tank 30L	○	○
Dual wavelength UV-lamp	○	○
Ultra-purification cartridge	○	○
Microfiltration cartridge	○	○
Ultrafiltration cartridge	✓	○
Point-of-use filter	○	○
Air filter net for tank	○	○
Remote water dispenser	○	○

Model	Smart PUV	Smart PVF
Feed Water Requirement		
Source	RO, Distilled, DI water (Conductivity<20µs/cm)	RO, Distilled, DI water (Conductivity<20µs/cm)
Temperature	5~40℃	5~40℃
Ultrapurification Water(Class I)		
Resistivity At 25℃	18.2MQ.cm	18.2MQ.cm
Conductivity At 25℃	0.055µs/cm	0.055µs/cm
Flow Rate	1.5~2.0L/min	1.5~2.0L/min
TOC Level*	1~5ppb	1~5ppb
Endotoxin(Pyrogens)**	N/A	<0.001EU/ml
Particulate(≥0.02µm)	<1pc/ml	<1pc/ml
Bacteria*	<1cfu/ml	<1cfu/ml
Rnase/Dnase**	N/A	Free
Electrical Requirements		
Electrical Voltage	110V/220V±10%	110V/220V±10%
Electrical Frequency	50Hz/60Hz	50Hz/60Hz
Packing Information		
Net Weight		
Main units	18kg	18kg
Water tank (30L)	5kg	5kg
External Dimensions(W×D×H)		
Main units	315×525×570mm	315×525×570mm
Water tank (30L)	380×380×595mm	380×380×595mm
Shipping weight		
Main units	31kg	31kg
Water tank (30L)	13kg	13kg
Shipping Dimensions(W×D×H)		
Main units	525×610×770mm	525×610×770mm
Water tank (30L)	520×440×615mm	520×440×615mm

*Dual wave UV module need to be adopted. Also dependent on feed water, recommended feed TOC<30ppb
**Ultra-filtration module need to be adopted. Feed water need to be satisfied as above