

Smart P

Introduction

Ultrapure water from purified water

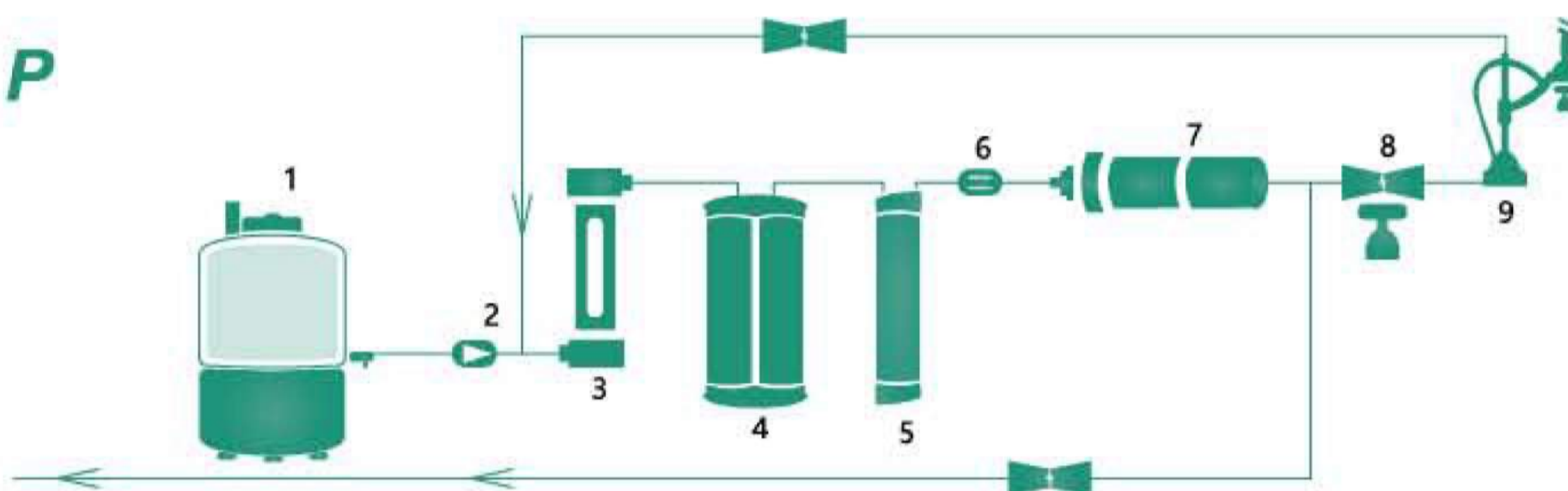
The purified water quality required as feedwater

- 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 °C	5~40 °C
Ultrapurification Water(Class I)		
Resistivity At 25 °C	18.2MΩ.cm	18.2MΩ.cm
Conductivity At 25 °C	0.055us/cm	0.055us/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*	<0.1cfu/ml	<0.1cfu/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