

Smart Plus P

Introduction

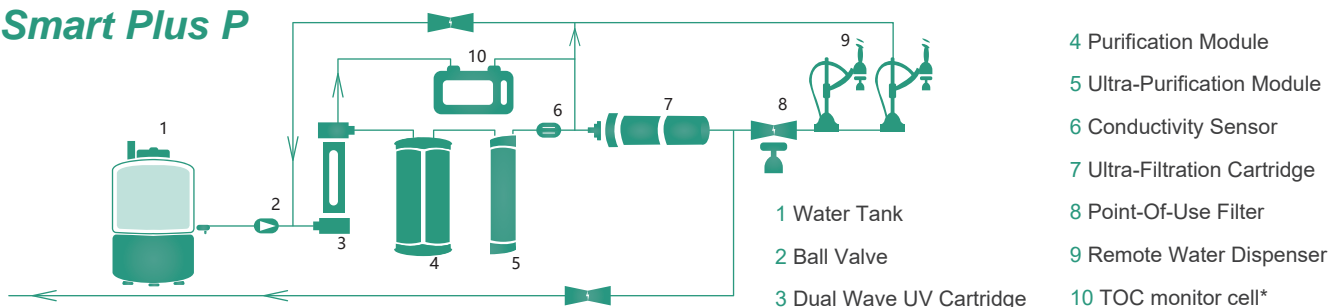
The Smart Plus P system has been designed especially for you. Using an existing source of pure water as feed, the Smart Plus P system delivers high-quality ultrapure water (resistivity value: 18.2MΩ.cm @25 °C; ≤5ppb), providing an ultrapure water solution adapted to today's laboratory environments.



Configuration

SMART PLUS P System	Smart Plus P	Smart Plus PT
Storage tank 30L	○	○
Dual wavelength UV-lamp	○	○
Ultra-purification cartridge	○	○
Ultrafiltration cartridge	○	○
Point-of-use filter	○	○
Air filter net for tank	○	○
UV-lamp sterilizer for water tank	○	○
Remote water dispenser with color display	○	○
TOC monitoring module	\	○

Smart Plus P



Model	Smart Plus P	Smart Plus PT
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)**	< 0.001EU/ml	< 0.001EU/ml
Particulate(≥0.02µm)	< 1pc/ml	< 1pc/ml
Bacteria*	< 0.1cfu/ml	< 0.1cfu/ml
Rnase/Dnase**	Free	Free
Electrical Requirements		
Electrical Voltage	110V/220V±10%	110V/220V±10%
Electrical Frequency	50Hz/60Hz	50Hz/60Hz
Packing Information		
Net Weight		
Main units	32kg	32kg
Water tank (30L)	4.5kg	4.5kg
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	45kg	45kg
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