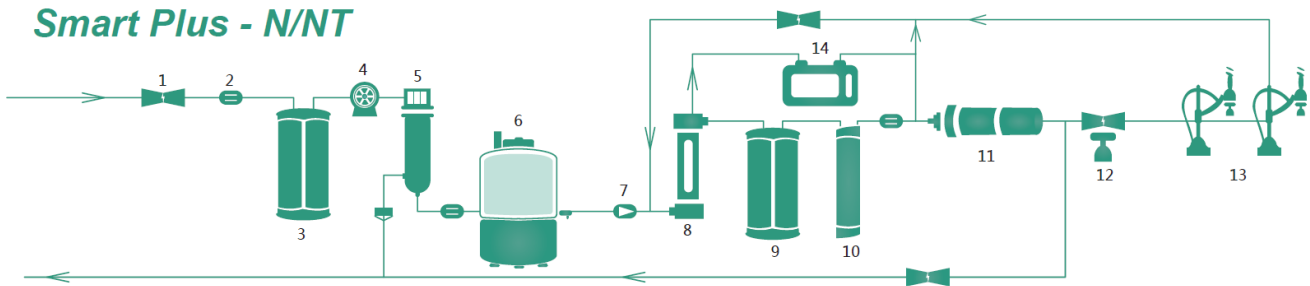


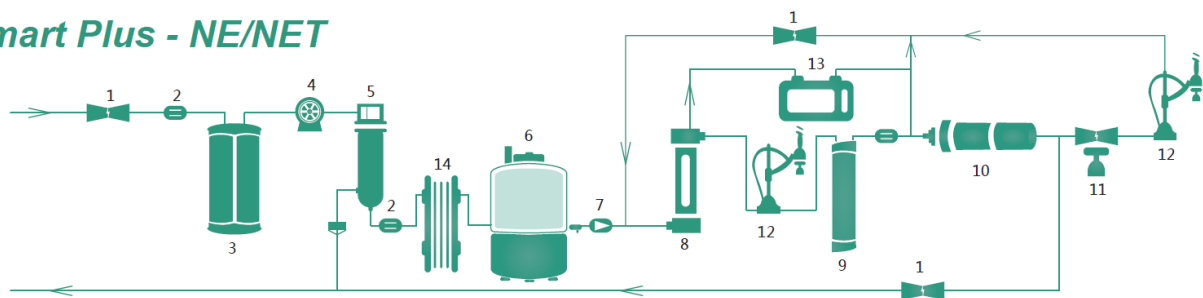
Configuration

SMART PLUS System	SMART PLUS N	SMART PLUS NT	S
Pretreatment module	○	○	
High pressure pump	○	○	✓
Reverse osmosis	○	○	○
Dual wavelength UV-lamp	○	○	○
Ultra-purification cartridge	○	○	○
Ultrafiltration cartridge	○	○	○
EDI Module	\	\	○
Point-of-use filter	○	○	○
Storage tank 30L	○	○	○
Air filter net for tank	○	○	○
UV-lamp sterilizer for water tank	○	○	○
Remote water dispenser with color display	○	○	○
TOC monitoring module	\	○	\

Smart Plus - N/NT



Smart Plus - NE/NET



- | | | |
|------------------------|-------------------------------|---------------------------|
| 1 Solenoid Valve | 6 Water Tank | 11 Point-Of-Use Filter |
| 2 Conductivity Sensor | 7 Ball Valve | 12 Remote Water Dispenser |
| 3 Pre-treatment Module | 8 Dual Wave UV Cartridge | 13 TOC monitor cell* |
| 4 Boost Pump | 9 Ultra-Purification Module | 14 EDI Module |
| 5 RO Module | 10 Ultra-Filtration Cartridge | |

*Applicable for Smart Plus NT/NET



Model	Smart Plus - N	Smart Plus - NT	Smart Plus - NE	Smart Plus - NET
Feed Water Requirement				
Source	Tap water	Tap water	Tap water	Tap water
Conductivity*	<400us/cm	<400us/cm	<400us/cm	<400us/cm
Hardness**	<450ppm as CaCO ₃	<450ppm as CaCO ₃	<450ppm as CaCO ₃	<450ppm as CaCO ₃
Pressure	0.05~0.5MPa(7-72psi)	0.05~0.5MPa(7-72psi)	0.05~0.5MPa(7-72psi)	0.05~0.5MPa(7-72psi)
Temperature	5~40°C	5~40°C	5~40°C	5~40°C
Purification Water(Class III)				
Ionic Rejection	>95%	>95%	>95%	>95%
Bacteria Rejection	>99%	>99%	>99%	>99%
Conductivity	1~20us/cm	1~20us/cm	1~20us/cm	1~20us/cm
Productivity Rate	30L/h	30L/h	30L/h	30L/h
High Quality Purification Water(Class II)				
Resistivity At 25°C	/	/	10MΩ.cm	10MΩ.cm
TOC	/	/	<30ppb	<30ppb
Dissolved Organic	/	/	<0.1ppm	<0.1ppm
Productivity Rate	/	/	15L/h	15L/h
Ultrapurification Water(Class I)				
Resistivity At 25°C	18.2MΩ.cm	18.2MΩ.cm	18.2MΩ.cm	18.2MΩ.cm
Conductivity At 25°C	0.055us/cm	0.055us/cm	0.055us/cm	0.055us/cm
TOC Level***	1~5ppb	1~5ppb	1~5ppb	1~5ppb
Endotoxin(Pyrogens)****	<0.001EU/ml	<0.001EU/ml	<0.001EU/ml	<0.001EU/ml
Particulate(≥0.02um)	<1pc/ml	<1pc/ml	<1pc/ml	<1pc/ml
Bacteria***	<1cfu/ml	<1cfu/ml	<1cfu/ml	<1cfu/ml
Rnase / Dnase**	Free	Free	Free	Free
Manual dispense flow rate	1.5~2.0L/min	1.5~2.0L/min	1.5~2.0L/min	1.5~2.0L/min
Automatic dispense volume	100~60000ml	100~60000ml	100~60000ml	100~60000ml
Electrical Requirements				
Electrical Voltage	110V/220V±10%	110V/220V±10%	110V/220V±10%	110V/220V±10%
Electrical Frequency	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ
Packing Information				
Net Weight				
Main units	34kg	34kg	35kg	35kg
Water tank (30L)	7kg	7kg	7kg	7kg
External Dimensions(W×D×H)				
Main units	315×525×570mm	315×525×570mm	315×525×570mm	315×525×570mm
Water tank (30L)	380×380×595mm	380×380×595mm	380×380×595mm	380×380×595mm
Shipping weight				
Main units	37kg	39kg	37kg	37kg
Water tank (30L)	15kg	15kg	15kg	15kg
Shipping Dimensions(W×D×H)				
Main units	525×610×770mm	525×610×770mm	525×610×770mm	525×610×770mm
Water tank (30L)	520×440×615mm	520×440×615mm	520×440×615mm	520×440×615mm

* If feed water quality is poor(Conductivity>1000us/cm), strengthened pretreatment module and RO-2 type is highly recommended

** When hardness of feed water is high(>450ppm as CaCO₃), 0.5T water soften is recommended

*** 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

