

**Advance Middle-flux Series Water Purification System
Inlet: Tap Water**

- Advance technology and excellent quality of the small-flux ultra pure water purifier, the middle-flux series have optimized the design with micro-computer controller and double passage TDS monitor.
- Highly suitable for biochemistry analyzer, center laboratory, small scale industry and water providing center etc.



Specification of Advance Middle-flux Series Water Purification System

Specification	Standard PF + AC + RO + AC + DI + TF	Eliminating Endotoxin PF + AC + RO + AC + DI + UF + TF	Low TOC PF + AC + RO + UV + AC + DI + TF	Comprehensive PF + AC + RO + UV + AC + DI + UF + TF
Model	ST-UP300 ST-UP400 ST-UP600 ST-UP800	ST-UP300UF ST-UP400UF ST-UP600UF ST-UP800UF	ST-UP300UV ST-UP400UV ST-UP600UV ST-UP800UV	ST-UP300UVF ST-UP400UVF ST-UP600UVF ST-UP800UVF
Application	Microanalysis, Environmental analysis, AA, ICP, IC, Buffer disposing, Pharmacy research, Medicine examining	Molecular biology, PCR, Gene research, Pharmacy Research, Medicine examining, Cell Cultivating, IVF etc.	Micro organic analysis, Environmental analysis, HPLC, TOC, VOC, GC/MS, Pharmacy research, Medicine examining	Molecular biology, Micro organic analysis, Environmental analysis, Pharmacy research, Medicine examining, Cell cultivating, IVF, etc
Feed Water Requirement	Tap water: TDS <200ppm, 5-45°C, 1.0 - 4.0 Kg/cm ² (If inlet TDS >200ppm, extra pretreatment is recommended)			
Purification System	Pre-treatment Unit	20" Spun fiber filter x1 + 20" Granular active carbon filter x1 +20" active carbon block filter x1		
	RO Unit	- 300 Series: 300 GPD RO membrane x1 - 400 Series: 400 GPD RO membrane x1 - 600 Series: 300 GPD RO membrane x2 - 800 Series: 400 GPD RO membrane x2		
	Subsequent Unit	- 10" Granular active carbon filter x1 + 12L Ultrapure polishing resin cartridge x1 + Ultrapure polishing resin cartridge x2 + 0.2µm terminal filter x1 - UV Model: +Double wavelength (185 & 254)nm UV cartridge x1 - UF Model: +5000 Doulton UF cartridge x1 - UVF Model: +Double wavelength (185 & 254)nm UV cartridge x1 +5000 Doulton UF cartridge x1		
Ultrapure	Resistivity	18.2MΩ .cm		
Water Quality	Heavy Metal	<0.1ppb		
	TOC	<10ppb (UV Model)		
	Endotoxin	<0.001 Eu/ml (UF Model)		
	Particle (>0.22µm)	<1/ml		
	Bacteria	<1cfu/ml		
RO Water Quality	TDS (Total Dissolved Solid) of RO Water (ppm) <TDS of inlet water x4%			
Output (25°C)	- 300 Series: 45/hours - 400 Series: 63L/hours - 600 Series: 94L/hours - 800 Series: 125L/hours			
Pure Water Outlet	RO Water, Ultrapure Water			
Features and Functions	- Super-large LCD display, display the system running state and various parameters intuitively - Automatic microcomputer controlling system, multi-menu operating, animation mode display. - Fault is detected automatically, automatic diagnosis. - Water quality over standard alarm, no water alarm, consumables end alarm function. - Consumables residual life shows, inform the user to replace consumables timely. - 3-way on-line sensor, detecting the quality of feed water, RO water and DI water's quality timely. - Unique design of consumables, easy for replacement. - High-strength stainless steel shell, beautiful appearance. - Pipeline with NSF authorization to assure high quality ultrapure water - New easy-inserting adaptor to make convenience of cartridge maintaining and replacing. - Different tanks to meet every needs and assure ample water-supply. - RO membrane, manufactured by DOW, to assure RO membrane's long time and high quality of pure water. - Ultra pure polishing resin cartridge with DOW's polishing resin, to assure the top-level water quality of ultrapure water. - 0.2 m PES terminal filter, to assure the quality absolutely axenic.			
Electric requirements	- 300/ 400 Series: AC110-220V,50/60Hz,120W - 600/ 800 Series: AC110-220V,50/60Hz, 240W			
Dimension (L x W x H) cm	64L x54W x111H cm			
Weight	70Kg			
Standard configuration	Main body(including:1 set cartridge)+2x interior 4 gallon tank+ accessory box			

* Inlet water: TDS= 2000ppm, 25°C, 50psi & 15% recovery rate

** GPD= Gallon per day

*** The quality of inlet water will effect outlet's and cartridge's life

Specification can be changed without any prior notice