



High-capacity type to supply highly pure water with a single motion.
 The supplying water, Ion exchange water and Distilled water to the storage tank are automatically controlled.

Model	
511	711
Water Purification Method	
Ion exchange --> Distillation Ion exchange --> Filtration	
Purified Water	
Ion exchange water / Distilled water	
Distilled Water production	
5.0 L/h	10 L/h
Collection Water	
Ion exchange water 1.4 L/min	Ion exchange water 2.8 L/min
Distilled water 1 to 2 L/min (50 Hz) 1.5 to 2.5 L/min (60 Hz)	

- For production of large amounts of distilled water and deionized water.
- Digital water quality display, Collection water with a single touch of button.
- It is easy to replace the ion-exchange resin cartridge.
- UV lamp for sterilization is available as the optional.

■ Specifications

Model	WG511	WG711
Performance		
Water purification method	Pretreatment → Ion-exchange → Distillation → Filtration	
Purified water	Distilled water, Deionized water	
Distilled water production	Approx. 5 L/Hr.	Approx. 10 L/Hr.
Collection of Distilled water	Approx. 1 to 2. (50Hz) 1.5 to 2.5 L/min. (60Hz)	
Collection of Ion exchange water	Approx. 1.4 L/min.	Approx. 2.8 L/min
Components		
Condenser	Hard Glass	
Heater	Ceramic heater, 2 pcs.	Ceramic heater, 4 pcs.
Distilled water storage tank	Polyethylene made, 100 L	
Raw water filter	Pre-treatment cartridge (activated carbon + hollow fiber membrane, 0.1μm)	
Pure water filter	Membrane filter (hollow fiber membrane, 0.1μm)	
Ion-exchanger	One-touch connecting type large cartridge (mixed floor type, 10 L)	
Distilled water tank level display	Display on LED in 5 steps	
Range of collection capacity	0.1 to 85 L (0.1 L/step)	
Water pump	Magnet pump 20W	
Raw water pressure range	0.10MPa~0.50MPa	0.15MPa~0.50MPa
Standard		
Power source 50/60Hz	AC200V, single phase	AC200V, single phase
	21A (30A)	42A (50A)
External dimensions (W×D×Hmm)	W800×D685×H1510	W870×D685×H1510
Weight	Approx. 130kg	Approx. 140kg
Accessories		
	Water supply hose -- 2m×1 pc. (with connecting unit), Drain hose -- 3m×1 pc. (with hose clamp)	
	Pre-treatment cartridge -- 1 pc. Ion-exchange resin -- 1 pc. Membrane filter-- 2 pcs.	

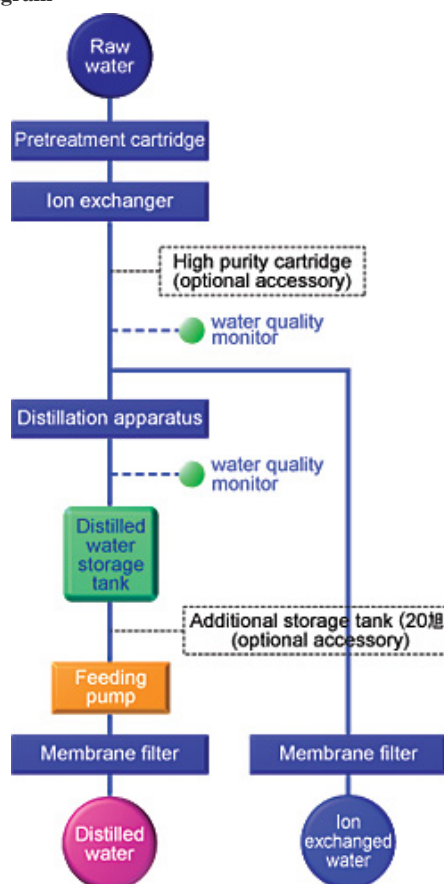
■ Structure



■ Inner View



■ System Diagram



■ Industrial standard JISK 0557 (at water temperature: 20 deg.C)

Item	WG511/711	WG511	WG711
	Exchanged water	Distilled water	
	Measured value	Measured value	
Electric conductivity(mS/m)	0.0056	0.084	0.066
Organic carbon (TOC) (mg/L)	0.02	0.015	0.014
Zinc (μ Zn/L)	<0.1	<0.1	<0.1
Silica (μ SiO ₂ /L)	<1.0	1.2	2
Chloride Ion (μCL-/L)	<0.5	<0.2	<0.5
Sulfuric acid Ion (μ SO ₄ -/L)	<0.5	<0.2	<0.5
Water Level	JIS A4		

■ Optional items & Consumable items

Description	Option Model	Main Unit Model No.	Product Code
Product water intake hose unit with a 0.1 μm membrane filter	OWF10	WG511/WG711	253208
Water Supply Unit	OWH10	WG511/WG711	253686
Raw water pressure reduction valve	OWG42	WG511/WG711	253769
Connection unit G (WL100+WG Series)	G	WG511/WG711	253668
Drain water trap	OWI41	WG711	253223
UV sterilizing lamp	OWG66	WG511/WG711	253226
High Purity Cartridge (CPC-H) Connection Unit	OWG62	WG511/WG711	253781
External Alarm Output	OWG64	WG511/WG711	253225
Membrane filter	MFRL730	WG511/WG711	9020010006
UV lamp for sterilization	OWG28	WG511/WG711	253773
Ion exchanger	SPC-10	WG511/WG711	9110010004
High purity cartridge	CPC-H	WG511/WG711	CPCNS30011
Pretreatment cartridge	PWF-1	WG511/WG711	253099