



# Water Stills

## Model WA500/570/710/730

### Water Purification Method

Distillation → Ion exchange  
→ Filtration

### Purified Water

Distilled water Deionized water

### Distilled Water Capacity

5.0 l/h 10 l/h

### Collection of

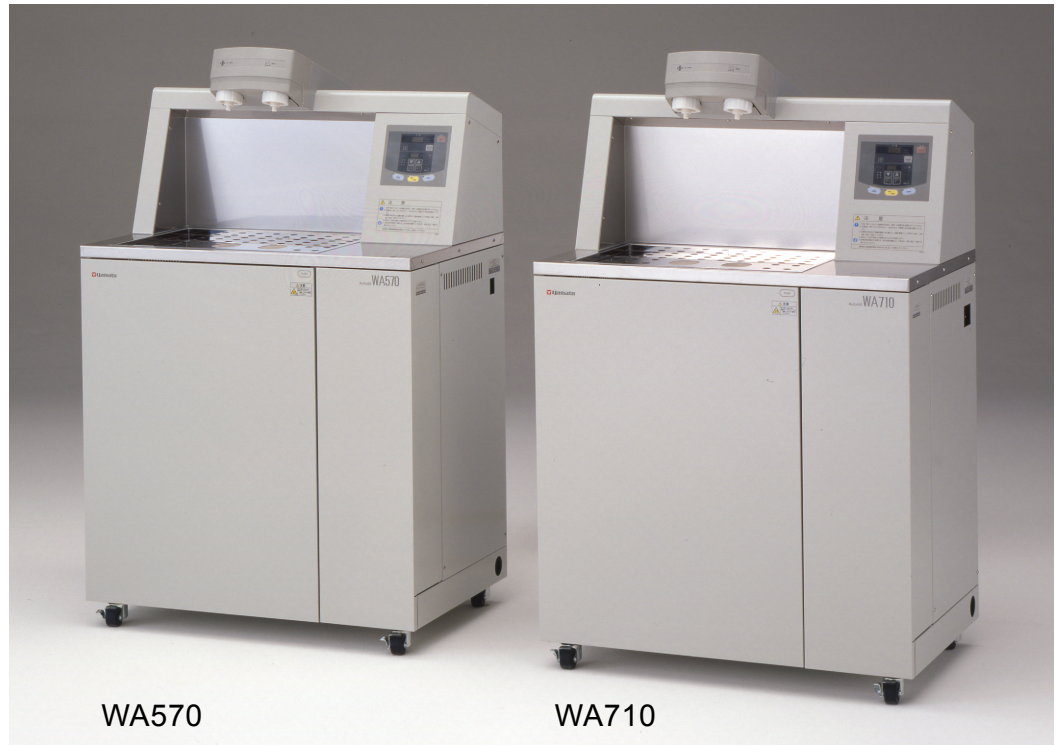
Distilled water 1.4 l/min  
Deionized water 1.4 l/min

Large-capacity type to supply highly pure water with a single motion.

These models employ microprocessor automatic control of all processes, from the supplying of water, ion exchange and distillation, to the storage.

- They feature a number of devices for direct production of large amounts of distilled water and deionized water.
- They also include a number of devices with many functions that guarantee high purity of water, as well as 2 methods of production of deionized water.
- The operation panel has high operability such as arbitrary setting of amount of water supplied, single key-stroke system and a water quality monitor indigital form which permits you to check the water quality easily.
- It is easy to exchange the ion-exchange resin cartridge.

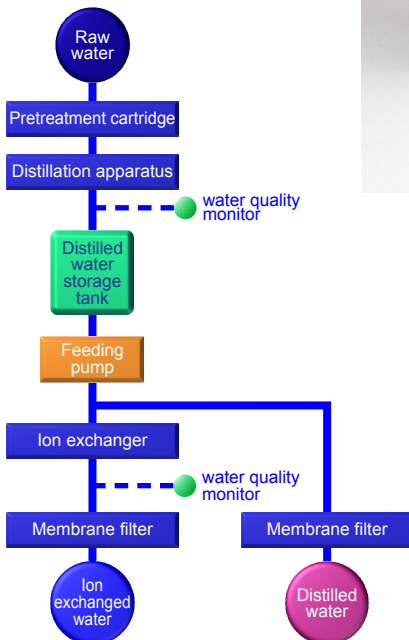
### Control Panel



WA570

WA710

### System Diagram





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### Specifications

Model	WA500	WA570	WA710	WA730
<b>■ Performance</b>				
Water purification method	Distilling method → Ion exchanging method → Filtering method			
Purified water	Distilled water, Deionized water			
Distilled water capacity	Approx. 5 liter/Hr.		Approx. 10 liter/Hr.	
Collection of Distilled water Deionized water	Approx. 1. 4/1.6 liter/ min. (50/60Hz) Approx. 1. 4/1.5 liter/ min. (50/60Hz)			
<b>■ Components</b>				
Boiler	Stainless steel SUS 304			
Condenser	Stainless steel SUS 304			
Heater	Pipe heater, 1.9kW × 2 pcs.		Pipe heater, 2.55kW × 3 pcs.	
Distilled water storage tank	Polyethylene made, 60 liter			
Raw water filter	Pretreatment cartridge (activated carbon + hollow fiber membrane, 0.1 μm)			
Pure water filter	Membrane filter (hollow fiber membrane, 0.1 μm)			
Ion exchanger	One-touch connecting type cartridge (mixed type, 3 liter)			
Water quality monitor	Temperature automatic compensation, digital display			
Distilled water tank level display	5 step LED display			
Range of collection capacity	0.1~99.9 liter (0.1 liter/step)			
Feeding pump	Electromagnetic pump			
<b>■ Attached device</b>				
	Water quality abnormality device, Initial distilled water draining device, Boiler water automatic operation draining device, Cooling water amount control device, Heater no-load operation prevention device, Heater over-heat prevention device, Water leakage breaker, Water cutoff detector, Water leakage detector, Water pump empty drive prevention, Distilled water tank float switch abnormality detection, Ion exchanged water sampling amount setting mechanism, Distilled water sampling amount setting mechanism			
<b>■ Standard</b>				
Supplied water pressure range	1~5 × 100kPa (1 to 5kgf /cm <sup>2</sup> )			
Power source 50/60Hz	100V, single phase, 40A	200/230V, single phase, 20/18A	200/230V, single phase, 40/35A	200/380V, three phase, 30/16A
External dimensions(W × D × Hmm)	903 × 603 × 1, 430			
Weight	Approx. 120 kg			
<b>■ Accessories</b>				
Water supply hose	2m × 1 pc (with connecting unit)			
Drain hose	3m × 1 pc (25 I.D.mm with hose band)			
<b>■ Consumables</b>				
	Pretreatment cartridge (ACF0827), Membrane filter (MFRL730), Ion exchanger (CPC-N), Detergent			