

Water Purifier - Auto Still®

MADE
IN
JP

WG253-115V WG253-220V / WG1013

Distilled water production	1.5L/h (WG252)	5L/h (WG1012)	Treatment process	Ion exchange→Distillation→Filtration	Purified water	Deionized water Distilled water	Water quality	Type1 / A4 Deionized water	Type2 / A4 Distilled water
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WG253



WG1013

Features

- Two independent dispensers for water sampling
Handy dispenser for easy collection of water. Dispenser is divided into 2 parts: deionized water and distilled water.
 - 7-inch LCD touch panel system
Improved visibility and operability
 - Consumable management functions
Displays replacement history of consumables such as ion resin, and the replacement method with figures and explanations. In addition, it provides a consumables advance notice (replace soon) and replacement notice (replace).
 - Trend graph
Displays trend graph of water quality and temperature. Can also graph consumable replacement notifications and error occurrence information.
 - Easy replacement of ion-exchange resin
Easy replacement through a one-touch joint. Possible to add 2 cartridges to reduce frequency of cartridge replacement.
 - Large water tank
Large distilled water tank with capacity of 30L (WG253) and 100L (WG1013)
 - Improved design
More compact width and depth. Unit can be easily installed in small spaces.
- Easy to use slide out type water sampling tray with drainage eliminating concerns about overflowing water discharge*

Specifications

Model	WG253-115V WG253-220V	WG1013
Water purifying method	Ion exchange→Distillation→Filtration	
Purified water	Deionized water and distilled water	
Distilled water production*1	~1.5L/h	~5L/h
Distilled water delivery rate*1	~2.5L/min (with variable flow rate function)	
Deionized water delivery rate*2	~1.0L/min (with variable flow rate function)	
Range of production*3	0.1~30L / continuous water collection	0.1~100L / continuous water collection
Condenser	Hard glass	
Heater	Ceramic heater 1.2kW	Ceramic heater 1.9kW x 2
Pre-treatment cartridge	0.1µm hollow fiber membrane + activated carbon (PWF-1)	
Ion-exchange resin cartridge <i>(must be purchased separately)</i>	CPC-S 4L x 1 pc. (activated carbon high-purity cartridge)	CPC-S 4L x 2 pcs. (activated carbon high-purity cartridge)
Final filtration	0.1µm membrane filter x 2	
Leakage detection	Water leakage detector forcefully shuts off feed water solenoid valve when water leakage detected	
Distilled water tank capacity	30L polyethylene tank	100L polyethylene tank
Distilled water UV sterilization	Optional	
Water sampling tray	Slide out type, load-bearing capacity 10kg, for 5L beaker	
Multipurpose distilled water outlet	For connecting Φ8 hard tube (right side of main body)	
Standard raw water requirement	~2.0L/min	~2.6L/min
Raw water pressure range	0.05-0.5 MPa	0.1-0.5 MPa
Distilled water tank full water setting	2, 10, 20, 30L	10, 30, 60, 90L
Power source (50/60 Hz)	AC115V 11A / AC220V 6A with external transformer	AC220V 18A with external transformer
External dimension*4	W540 x D570 x H775 mm	W550 x D570 x 1715 mm
Weight	~63kg	~113kg
Water level display	LED display	
Water quality display	Digital (conductivity or resistivity)	
Other displays	Notification: Consumables replacement / Periodic maintenance, Alarm: Water outage / Trend data recording impossible / Power failure / Distilled water quality deterioration, Abnormality: Controller / Water leakage / Heater overheating / disconnection / Tank water level gauge / Boiler water level, Water level gauge / Boiler drainage route / Cooling water / Water quality meter / Water sampling pump, / Ion exchange water flow reduction / Water sampling route	
Included accessories	1 water supply hose (2m), 1 water supply hose filter, 1 connection hose assembly, 1 can stone cleaner, 1 pretreatment cartridge, 1 air vent filter, 2 membrane filters, 2 filter covers, 2 magnet hooks, adjuster fixing bracket (WG1013 only)	
Operational accessory	Ion exchange resin cartridge (must be purchased separately)	

*1 Performance data above is based on 23°C ±5°C room temperature, and 65% RH ±20% humidity.

*2 The guaranteed performance range is raw water pressure 0.2 -0.5 MPa.

Operating ambient temperature range for this unit is between 5°C and 35°C. Keep temperature range of raw water between 5°C-30°C. When raw water temperature is high, the drainage temperature may also be high. If temperature exceeds 60°C, a drain pipe is required.

Water dispensing volume varies depending on water temperature.

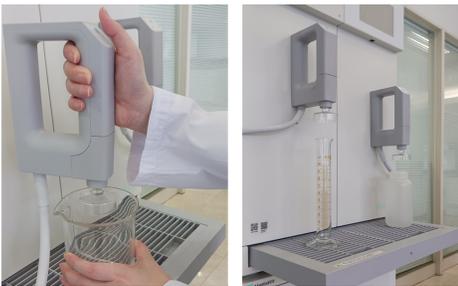
*3 Accuracy of quantitative water sampling is approximately 10%..

*4 Dimensions excludes protrusions.

Control Panel



Independent Dispensers



WG253

Two independent dispensers for water sampling



WG1013

Water sampling tray



with drainage function

WG253 step



Optional items

Product code	Product name
281333	Stand (W540 x D660 x H800mm). Caster with adjuster. For WG253
281334*	Sterilization light for WG253. Cannot be installed after delivery.
281335*	Sterilization light for WG1013. Cannot be installed after delivery.
281337	Water supply joint
281339	Tap water pressure reducing valve
281340*	Drain trap
281344	Water outlet cover

* Please specify when ordering main unit.

For complete list of optional items, please refer to WG253/1013 Instruction Manual.



Stand



Tap water pressure reducing valve



Water outlet cover

Consumable parts

Product code	Description	
253099	Pre-treatment cartridge	PWF-1
253080	Ion-exchange resin cartridge	CPC-S
9020010004	Membrane filter (2 pcs. / set)	MFRL727
LT00040430	Air vent filter for tank	YAVF-1
253773	Replacement sterilization light for WG253/1013	OWG28



Pre-process cartridge



Membrane filter



Ion-exchange resin cartridge



Air vent filter for tank

⚠ Attention

- Handle drain hose carefully.
- Attach water supply hose to a faucet with a sink.
- When the sink is remote from the faucet, use optional water supply port unit.

- Keep original water pressure within the specified pressure range.
- Never use in flammable or explosive gas atmosphere.