

Small Capacity Water Purifier - Auto Still®

WG203

Production capacity 1.8L/h

Treatment process Ion-exchange→Distillation

Purified water Deionized water Distilled water

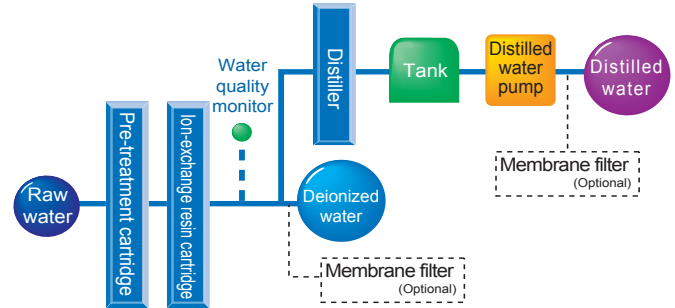
Water quality Type 1 / A4 level Deionized water Type 2 / A4 level Distilled water

Low cost high purity water purifier



- Pre-treatment cartridge removes bacteria, trihalomethane, residual chlorine, organic and dust
- High performance ion-exchange resin cartridge (CPC-S, 4L) brings high purity water with low electric conductivity and TOC
- Optional membrane filter at water sampling port
- Displays replacement of consumables
- Feed / Drain water connectors on both sides

Treatment Process



Water Quality Analysis

Item	ASTM D 1193 Standard Type 1	JIS K 0057 Standard A4	Deionized water			Distilled water		
			Measured value	Level	Level	Measured value	Level	Level
Electrical conductivity (µS/cm)	<0.056	<1	0.055	Type 1	A4	0.81	Type 2	A4
Total organic carbon (TOC) (µgC/L)	<50	<50	4	Type 1	A4	33	Type 1	A4
Zinc (µgZn/l)	-	<0.1	<0.01	-	A4	<0.01	-	A4
Silica (µgSiO ₂ /L)	<3	<2.5	<1.0	Type 1	A4	<1.0	Type 1	A4
Chloride ion (µgCl ⁻ /L)	<1	<1	<0.1	Type 1	A4	<0.1	Type 1	A4
Sulfate ion (µgSO ₄ ⁻² /L)	-	<1	<0.1	-	A4	<0.1	-	A4
Total level				Type 1	A4		Type 2	A4

*Quality of raw water may cause different results.

*For water quality comparison JIS K 0057 ↔ ASTM D 1193 refer to page 115 of the general catalog.

Specifications

Model	WG203
Water purifying method	Ion-exchange→Distillation
Water feeding	One-touch coupler water connection, with water stop valve
Water discharging	Left / right selection for connecting hose
Distilled water production	~1.8L/h
Distilled water delivery rate	~1L/min
Deionized water delivery rate	~1L/min
Range of production	Continuous production
Condenser	Hard glass
Heater	Ceramic heater 1.4kW
Pre-treatment cartridge	0.1µm diameter hollow fiber + activated carbon
Ion-exchange resin cartridge	CPC-S 4L x 1pc. (activated carbon high-purity cartridge)
Distilled / deionized water filter	Optional
Leakage indication	Water supply solenoid valve forcibly shut off when water leakage detected
Distilled water tank capacity	20L polyethylene tank
Distilled water UV sterilization	--
Water sampling tray	--
Multi-purpose distilled water sampling port	Right side of main unit, 1pc.
Water level sensor	2 steps reed switch
Raw water pressure range	0.5~5 x 100kPa (0.5~5kgf/cm ²)
Power source (50/60 Hz)	AC115V 12A, AC220V 6.5A
External dimension*	W600 x D575 x H780mm
Weight	~48kg
Water level display	Communication pipe water level indication
Water quality display	5 steps conductivity LED indication
Other display	Replacement of consumable parts (ion-exchange resin cartridge)
Accessories	Feed /drain water hose, connecting hose assembly, pre-treatment cartridge, ion-exchange resin cartridge, hose clamp

* Protrusions not included.

Optional items

Product code	Product name
253174	Stand AS250 (W603 x D683 x H870mm)
253204	Water sampling hose OWG24 hose length 2m
253686	Water supply port unit OWH10
253769	Raw water pressure reducing valve OWG42
253211	*Drain trap OWI10

* Please specify when ordering main unit.



Stand



Water supply port unit



Drain trap + Stand

Consumable parts

Product code	Product name
253099	Pre-treatment cartridge PWF-1
253080	Ion-exchange resin cartridge CPC-S
9020010004	Membrane filter (2 pcs. / set) MFRL727
9020020001	Tank air vent filter AVF-1 (4210)



Pre-treatment cartridge



Ion-exchange cartridge



Membrane filter



Tank air vent filter



Attention

- Avoid tangling the drain hose
- Attach water supply hoses to the faucet with sink
- When sink is separate from the faucet, please use optional Water Supply Port Unit
- Raw water pressure should be within specified pressure range
- Avoid flammable or explosive gas atmosphere