



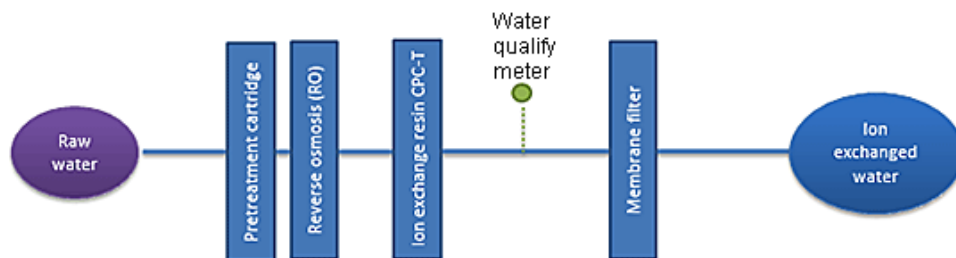
Model
WE200
Water obtaining system
Reverse osmosis method - Ion exchange method
Obtained pure water
Ion exchange water
Specific resistance
17M ohm. cm or more
Water quality level
A4 equivalent

- A highly pure water production unit, Space Saving and Table Top Type
- Digital Display for Easy Operation
- Water Quality: JIS K 0057, A4, Suitable for high sensitivity microanalysis
- Reverse osmosis membrane (RO membrane) activated charcoal effectively removes organic materials.
- Display and Alarm for Replacement Time of Consumables
- Just only connecting to the faucet to collect the ion exchanged water
- Membrane filter is equipped
- The leakage water is prevented by solenoid valve
- Compatible with 100 - 240V

■ Specifications

Model	WE200
Performance	
Collection Type	Reverse osmotic membrane (RO) → Ion Exchange → Filtration
Water supply method	One touch coupler water connection resin hose
Collection Amount / Collection method	Approx. 0.5 - 1.0L/min. (Continuous Collection)
Components	
Raw water filter	Pretreatment cartridge (Activated carbon + hollow fiber membrane 0.1μm)
Filtration	Reverse osmotic membrane (RO) cartridge
Ion exchange resin cartridge	2L Ion exchange resin with Activated carbon (CPC-T)
Final filtration	Membrane Filter (0.1μm)
Water Leakage Detection	Solenoid valve for supply water is cut off automatically by detecting the leakage
Standard	
Raw water pressure range	0.13 - 0.5MPa (1.3 - 5.0kgf/cm ²)
Raw water temp. range	10 - 30deg.C
Water collection port	RC1/4 (connect to membrane filter)
Drain hose	Φ10 hard tube
Drainage volume	Maximum 2L/min
Safety Function	Water Abnormal(Failure, Quality, Pressure, Leakage), Controller, Low flow rate warning/abnormal, Power leakage breaker.
External Dimensions / Weight	Approx. W350 x D430 x H470 mm / Approx. 30kg
Power	AC100 to 240V, less than 1.3A (breaker 10A)
Display	
Water quality display	7 segment LED Display (Electric conductivity/Specific resistance/Water Temp.)
Others	Consumables replacement display, alarm display (water leakage warning)
Accessories	
Raw water supply hose, Pretreatment cartridge, Reverse osmotic membrane (RO) cartridge, Ion exchange resin cartridge CPC-T, Membrane filter, Drain hose (Φ10 x 3000mm), Power cord, Seal tape	

■ System diagram



Water quality analysis

■ Industrial standard JISK 0057 (at water temperature: 20 deg.C)

Item	JIS K 0057 A4 standard	WE200	
		Measured value	Type
Electric conductivity(mS/m)	Less than 0.1	0.0055	A4
Organic carbon (TOC) (µgC/L)	Less than 50	5	A4
Zinc (µ gZn/L)	Less than 0.1	<0.1	A4
Silica (µ gSiO2/L)	Less than 2.5	5	A4
Chloride Ion (µ gCL-/L)	Less than 1	<0.5	A4
Sulfuric acid Ion (µ gSO42-/L)	Less than 1	<1.0	A4
Total level		A4	

■ Control panel



■ Water supply / drain port



■ Foot switch (OWE14)



■ Water sampling stand (OWL40)



■ Ion exchange resin cartridge (CPC-T)



■ Membrane filter (MFRL727)



■ RO cartridge (RO-1S)



■ Optional and consumable item

Description	Option Model	Item Code
Water sampling stand with connection set	OWL40	253266
External Alarm Output Terminal	OWE10	253278
Remote water sampling Input Terminal	OWE12	253279
Foot switch	OWE14	253280
Feed water connector unit	OWH10	253686
Pretreatment cartridge	PWF-1	253099
Reverse osmotic membrane (RO) cartridge	RO-1S	253257
Ion exchange resin cartridge	CPC-T	253256
Membrane filter (2pcs/set)	MFRL727	9020010004