

Water Purifiers

WL200/220/220T

Model	
WL200	WL220/220T
Collection Type	
Ion Exchange	
Collection Pure Water	
Ion Exchange Water	

- Economical Price, Space Saving and Desk-Top Type
- Digital Display for Easy Operation
- Water Quality: JIS K 0557, A3, Suitable for Microanalysis
- Display and Alarm for Replacement Time of Consumables
- Collect the ion exchanged water easily just connect to the faucet.
- Membrane filter is equipped
- The leakage water is prevented by solenoid valve



WL200/220/220T

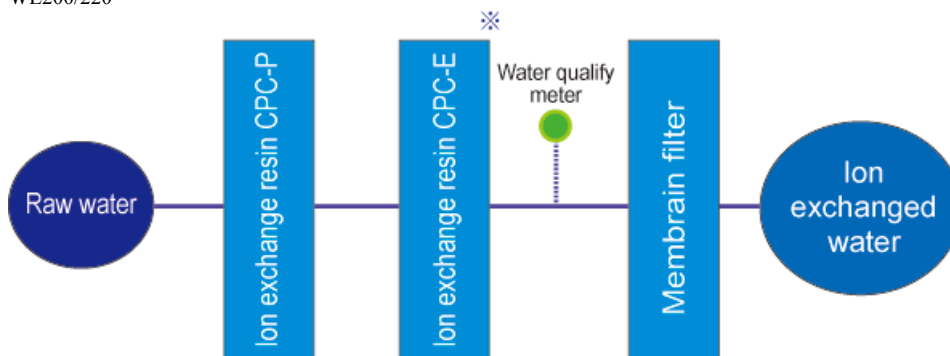
Specifications

Model	WL200	WL220	WL220T
■ Performance			
Collection Type	Ion Exchange		
Water supply method	One touch coupler water connection resin hose		
Collection Pure Water	Ion Exchange Water, A3 Level		
Collection Amount	Approx. 1.0L/min. (Continuous Collection)		
■ Components			
Ion Exchange Resin Cartridge	2L Ion Exchange Resin with Activated Carbon (CPC-P) x 1 pc.	2L Ion Exchange Resin with Activated Carbon (CPC-P) x 1pc. , 2L Ion Exchange Resin (CPC-E) x 1pc.	
Final Filtration	Membrane Filter (0.1µm)		
Pure Water Tank for Supply Water	N/A		3L Polyethylene Tank
Water Leakage Detection	Solenoid valve for supply water is cut off automatically by detecting the leakage		
■ Standard			
Raw water pressure range	0.5-5 x 100kPa (0.5 - 5kgf/cm ²)		
Water collection port	RC1/4 (connect to membrane filter)		ø9 nipple
Safety Function	Water Leakage Detector, Pressure Regulator, Abnormal Water Quality Alarm		
External Dimensions	Approx. W350 x D350 x H450mm		
Power	AC100 to 240V, 0.05A - 0.2A (breaker 3A)		
Weight	Approx. 14kg	Approx. 16kg	Approx. 17kg
■ Display			
Water quality display	7 segment LED Display		
Others	consumables replacement display, alarm display (water leakage warning)		
■ Accessories			
	Raw water supply hose, power cord (2m), Ion exchange resin CPC-P (for WL200 only), Ion exchange resin CPC-P + CPC-E (WL220/WL220T), membran filter(WL200/220), water supply hose 4m(WL220T) with Y-strainer, constant temperature and humidity chamber connecting hose Φ9 x Φ13 3m(WL220T), hook (WL220T), seal tape.		

Note: Water Supply Pressure should be 0.5 -5 x 100kPa (0.5 -5kg/cm²)

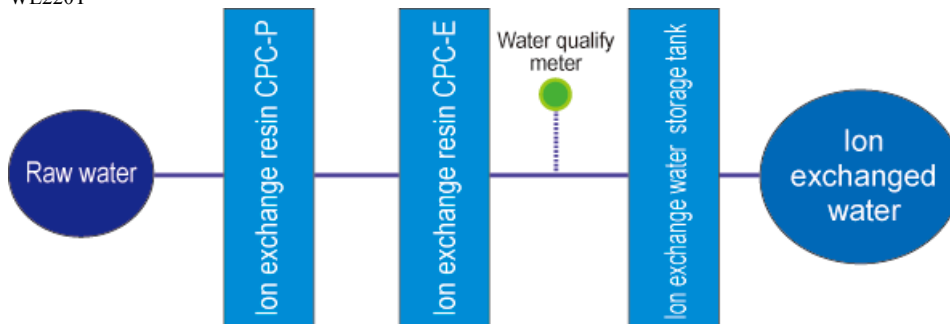
System diagram

WL200/220



*CPC-E only WL220

WL220T



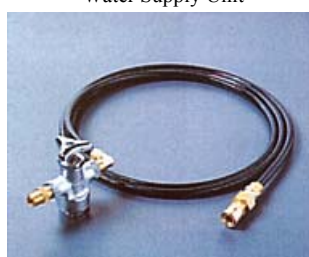
Water quality analysis/ Industrial standard JISK 0557

Item	JIS K 0557	WL200		WL220	
	A3 standard	Measured value	type	Measured value	type
Electric conductivity(mS/m)	Less than 0.1	0.0055	A4	0.0055	A4
Organic carbon (TOC) (µgC/L)	Less than 200	19.6	A4	19	A4
Zinc (µZn/L)	Less than 0.1	<0.1	A4	<0.1	A4
Silica (µSiO ₂ /L)	Less than 5.0	<3	A3	<3	A3
Chloride Ion (µCL ⁻ /L)	Less than 1	<0.5	A4	<0.5	A4
Sulfuric acid Ion (µSO ₄ ²⁻ /L)	Less than 1	<1.0	A4	<1.0	A4
Total level		A3		A3	

Control panel



Water Supply Unit



Structure (WL220)



Structure (WL220T)



Membrane Filter



Ion Exchange Cartridg



Optional and consumable item

Product name	Code	Type
Water supply port unit OWH10	253686	WL200/220/220T
Pressure reducing valve for raw water OWG42	253769	WL200/220/220T
CPC-E connection set (included CPC-E) OWL36	253261	WL200
Pretreatment cartridge connection set OWL38	253267	WL200/220
Water collection stand (with connection set) OWL40	253266	WL200/220
External alarm output terminal OWL42	253268	WL200/220/220T
Water sampling remote OWL44	253269	WL200/220
Foot switch OWL46	253270	WL200/220
Input terminal for water sampling remote OWL48	253269	WL220T
Installation bat OWL50	253271	WL220T
Ion exchange cartridge CPC-P	253254	
Ion exchange cartridge CPC-P + CPC-E	253262	
Power cord (4m) OWL52	253273	WL200/220
Membrain filter (2 pcs)	9020010004	