

WE300 has been discontinued.



A highly pure water production unit that supports Labo Cube and can be installed in a draft chamber or a sink.

Water obtaining system
Reverse osmosis method - Ion exchange method
Obtained pure water
Ion exchange water
Specific resistance
10 Mohm.cm or more
Water quality level
A3 equivalent

- By installing this product under a draft chamber or a sink to perform washing, various test, obtaining ion exchange water for preparing reagents easily.
- Reverse osmosis membrane (RO membrane) activated charcoal effectively removes organic materials. This enables you to obtain ion exchanged water of stable quality.
- Enables you to obtain water at high collection rate of 16 L/h.
- The unit employs a preprocess cartridge Progard3 and an ion exchange cartridge Q-GardA.
- Also equipped with a water leak detection function that stops water supply in case water leak occurs as a safety function.
- Equipped with a water obtaining unit with a handy switch (delivery kit) for obtaining water.

■ Specifications

Product code	253626
Model	WE300
Performance	
Water obtaining system	Reverse osmosis method - ion exchange method
Water supply/discharge system	Connected to tap water with a hose
Quality of obtained water	A3 ion exchange water
Obtained amount and system of ion exchange water	Approx. 16 L/h Continuous obtaining of water
Specific resistance	Approx. 10 Mohm cm (at water temperature: 25 deg.C)
Microorganism	10 CFU/mL
Fine particles	Filtered with 0.22 um filter
Silica	0.05 mg/L or less
Configuration	
Preprocess cartridge	With activated charcoal (Progard3)
Ion exchange resin cartridge	2.4L ion resin cartridge (Q-GardA)
Ion exchange water primary storage tank	10L tank
Integrated pump	RO pump, pure water supply pump
Water leakage detection	Water supply solenoid valve is forced to shut off when water leakage is detected
Ion exchange water obtaining bed	Resin water obtaining port
Standards	
Raw water pressure range	0.1 to 0.3 MPa (L/min)
Supply water rate	41 L/h
Water temp.	2 to 35 deg.C
Power source	AC 100V 0.8A
External dimensions*/weight	460 x 400 x 600 mm (W/D/H) Approx. 37 kg (Dispenser Approx. 5 kg)
Display & settings	
Water quality display	Conductivity is displayed in 5 steps LED
Other displays	Consumables replacement display (preprocess cartridge, ion exchange resin), alarm display (water leak alarm)
Accessory	
Accessories	Raw water supply hose, preprocess cartridge & ion exchange cartridge, pure water hose for obtaining water, water obtaining bed (delivery kit), operating manual, warranty card

* External dimensions do not include protrusions.

A water faucet and drain facility (or a sink) are necessary for installing this unit.

■ Example of water quality analysis with WE300 (conforms to the NCCLS Type1 Water specifications)

Item	Specifications
Specific resistance (at 25 deg.C)	≥ 10 Mohm cm
Organic material	Removed with reverse osmosis (RO) and activated charcoal
Microorganism	≤ 10 CFU/mL
Fine particles	Filtered with 0.22 um filter
Silica (as SiO ₂)	≤ 0.05 mg/L

■ Control panel

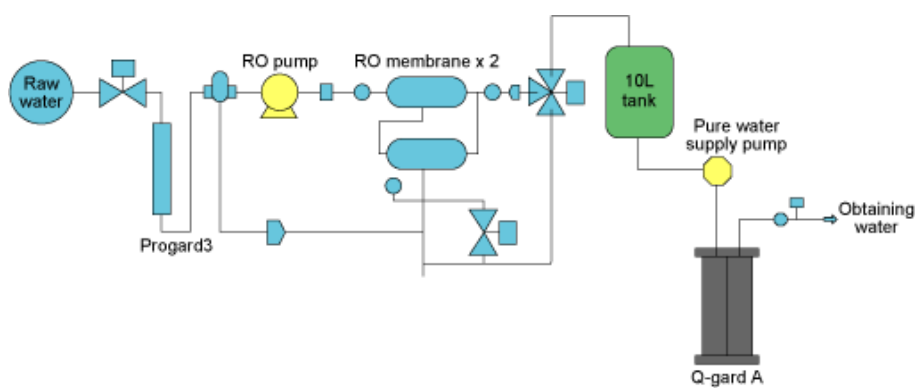


■ Delivery kit (standard)

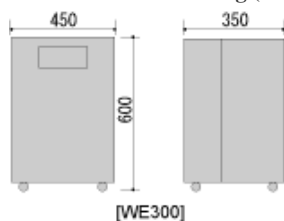


Installation example

■ Block diagram



■ Dimensional drawing (mm)



■ Consumables



Left:
Preprocess cartridge Progard 3

Right:
Ion exchange cartridge Q-GardA

■ Optional items

Item name	Product code
Preprocess cartridge Progard3	PR0G000003
Ion exchange resin cartridge Q-GardA	CP2ALLRES
RO membrane (2 in a set)	CDRC602JH