

Ultrapure water production system: Puric ω OMEGA series

"Completed form" of ultrapure water

"ORGANO's completed form" after continuing working on ultrapure water

"Completed form" of "Purity"

Quality of ultrapure water has effect on microanalysis and high sensitive analysis, therefore, extremely pure "H₂O" is required.

*Resistivity 18.2M Ω ·cm / TOC \leq 1ppb */ silica<0.1ppb/ boron<10ppt (* TOC \leq 1 ~ 5ppb in ω 60)
*High quality next-generation ion exchange resin for super ultrapure water is adopted.

"Completed form" of "Using"

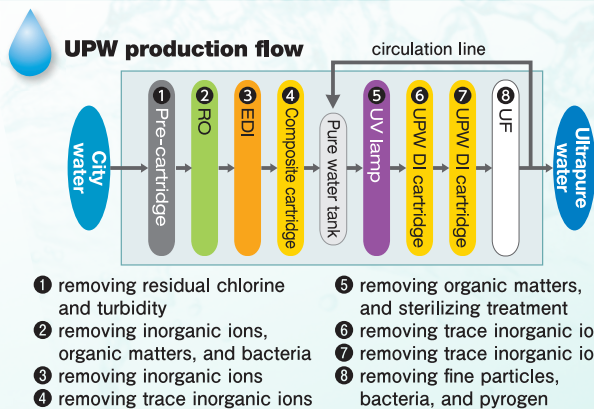
Extremely high functionality is also provided to use ultrapure water without contamination.

*High performance water dispenser makes drop-by-drop dispense possible.
*Volumetric dispense and foot switch dispense are also available.

"Completed form" of "Installation"

The installation environment of laboratory is also considered. Simple is best.

*No shelves is required because the system is an all-in-one package with a built-in pure water tank.
*Casters make relocation of the system easy.



UPW quality (analysis example by ICP-MS)

Item	Unit	Concentration QL
Sodium	ng/l	<0.1
Potassium	ng/l	<0.1
Calcium	ng/l	<0.1
Magnesium	ng/l	<0.1
Iron	ng/l	<0.1
Copper	ng/l	<0.1
Zinc	ng/l	<0.1
Cadmium	ng/l	<0.1
Nickel	ng/l	<0.1
Lead	ng/l	<0.1
Manganese	ng/l	<0.1
Aluminum	ng/l	<0.1
Cobalt	ng/l	<0.1
Chrome	ng/l	<0.1
Boron	ng/l	<10

*continuous water sampling

BASIC Specification

Dispensing volume	1 drop to 2L/ min(MAX)
Outside dimension(mm)	
Puric- ω	W300×D600×H1100
Puric- ω 60	W450×D700×H1200
Weight of the main body	
Puric- ω	Approximately 85kg
Puric- ω 60	Approximately 150kg
Power supply	AC100V \pm 10% 50/60Hz
Electric capacity	200VA(MAX)

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