

Desktop type ultrapure water system



# $\mu$ series

**Simple function, low initial and running cost.**

It contributes to your laboratory matched with easy maintenance and good usability.

Low running cost

Easy maintenance



Economic benefits

Simple usability



1L graduated cylinder can be installed under the water sampling point.



Achieving operations without stress by stably water dispensing rate of 1L/min.

## Features



### Fixed-volume dispensing

It dispenses exactly the volume you set.



### Memory of dispensing volume

Memorization of 3 patterns of dispensing volume.



### Auto tank water refill

When tank water is reduced, water is automatically filled up to tank.



### Foot switch (option)

It enables hands-free works.



### Ultrapure water tank circulation

The quality of treated water is constantly high.



### Water leak sensor

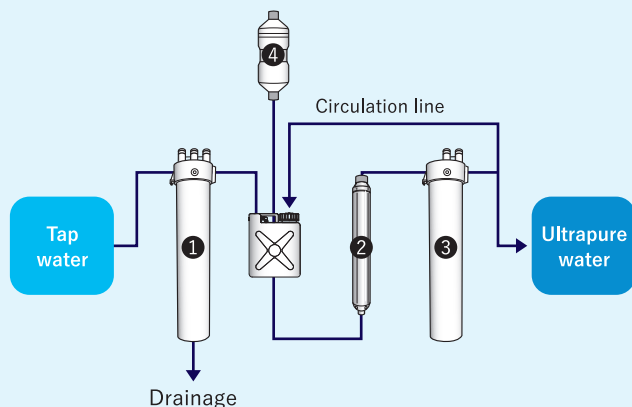
It can prevent the fatal trouble.



### Alarm notification

It issues an alarm or buzzer in case of the water leak and the replacement of consumables.

## Flow



- ① Removes residual chlorine, inorganic ions, organic matter and particulates from tap water.
- ② Decomposes organic matter and sterilizes viable bacteria in pure water. (-X00 only)
- ③ Removes ions from pure water.
- ④ Prevents entry of dust and dirt into the pure water tank.

## Consumables

Item	Replacement timing *2
① Composite (CF-RO) cartridge	12 months
② UV lamp (-X00 only)	18 months
③ Ultrapure water DI cartridge	6 months
④ Air vent filter	6 months

\*2 The lifetime of consumables largely varies with the feed water quality and usage conditions.

## Specification

Model	PX-0060 $\mu$ -X00	PX-0060 $\mu$ -000
Quality of treated water*1	18.2 M $\Omega$ ·cm	
TOC*1	$\leq 5$ ppb	—
Dispense flow rate	1.0 L/min	
UV lamp	✓	—
Built-in tank	4.5 L	
Purification flow rate	3.5 L/h	
Dimension	W290×D428×H598 mm	
Operating weight	Approx. 24 kg	
Rated voltage and frequency	AC100~240 V, single phase, 50/60 Hz common Main unit: DC24 V 60 VA	

\*1 The quality of treated water depends on the quality of raw water. TOC value is not displayed.

## Feed water conditions

Raw water	Tap water (Conforming to the Japan tap water standard)
SDI	4 max.
Total hardness	As per technical calculation.
Silica	
TOC	1 mg/L max.
Residual chlorine	1 mgCl/L max.
Water temperature	5 - 35 °C
Water pressure	0.15 - 0.35 MPa (during operation)
Flow rate	$\geq 15$ L/h

## Virtual experience ※3

Using a smartphone, you can demonstrate the installation and get the image of the product size.

1

Read QR code.



2

Tap the button mark and point the camera at the aimed installation space.

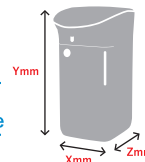


Installation image

360° rotation



Visualize actual size



\*3 Some models cannot be supported.

■ Ultrapure water portal site



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