

# ELIMINATING ENDOTOXIN ULTRAPURE WATER SYSTEM WPS61-030UF



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Ultrapure water system is sub-economic choice for high grade experiments. This level of purification is required for advanced analytical techniques, such as HPLC, and is commonly used for semi-conductor manufacturing.

Used in Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research.

Also known as Laboratory Ultrapure water system.

## WPS61-030UF ELIMINATING ENDOTOXIN ULTRAPURE WATER SYSTEM

With tap water inlet, to produce RO water and ultrapure water, quality can reach to 18.2 MΩ.cm.

Built-in 20 liters airtight plastic pressure water tank

Built-in 13 liters high-capacity polishing resin cartridge

Unique design and easy-to-replace cartridges pack unit.

Data storage and RS 232/USB communication port.

3 way on-line water quality sensor, multiple alarm.

Life-span of cartridges' display and alarm.

System circulation function, system sterilization procedure.

Molding process, high-strength, streamline plastic shell.

The graphic display clearly indicates all system's parameters. From water quality to knowing when it is time to change the purification pack, you'll see at a glance what is need

For ease-of-use, the main purification technologies are contained in an innovative all-in-one pack that mean you can change it in just a couple of minutes.

The system requires no special installation, connect the system to your tap water supply it's ready to use.



## SPECIFICATIONS

Model	WPS61-030UF
Feed Water Requirements*	
Water Inlet	Tap water: TDS < 200 ppm (Extra pretreatment filter is recommended, if TDS > 200 ppm)
Temperature	5-45°C
Pressure	1.0-4.0Kgf/cm <sup>2</sup>
Flow Procedure**	PF+AC+RO+DI+UF+TF
Ion rejection rate	96%-99% (New RO membrane)
Organic rejection rate	> 99%, when MW > 200 Dalton
Particles and bacteria rejection rate	> 99%
Bacteria	< 0.1 cfu/ml
Output(25°C)***	30 L/hrs
Pure water outlet	RO water and Ultrapure water
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor
Dimension LxWxH	410x220x420 mm
Weight	20 kg

Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ TDS pen +accessory bag
Power Consumption (W)	72 W
Power Supply	AC110-220 V, 50/60 Hz
Note	*The feed water quality will influence the pure water's quality and cartridges life-span. **PF:polypropylene spun fiber, AC:active carbon, RO:reverse osmosis, DI:ion exchange, UV:ultraviolet, UF:ultrafiltration, TF:terminal microfiltration. ***Value of number will be influenced by temperature and feed water quality. ****All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.
Ultrapure Water Quality	
Resistivity(25°C)	18.2 MΩ.cm
TOC***	<10 ppb
Endotoxin	<0.001 EU/ml
Rnases	<0.01 ng/ml
Dnases	<4pg/μl
Heavy metal ion	<0.1 ppb
Flow rate	2.0 L/min (with pressure tank)

***Centrifugen***

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