



# LABORATORY WATER PURIFICATION SYSTEM BLPS-102

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Laboratory water purification system uses double stage reverse osmosis technology. It produces double stage RO water, Deionised, EDI and ultrapure water. These systems have 3 way on-line water quality sensor, multiple alarm with unique design and it has easy-to-replace cartridges pack unit.

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

Also known as Laboratory Ultrapure water system.

## BLPS-102 LABORATORY WATER PURIFICATION SYSTEM



Double stage reverse osmosis technology.

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

Built-in 5.8 liters PE tank and 10 liters airtight plastic pressure water tank.

Built-in 1st stage RO pump, 2nd stage RO pump and circulating sanitizing pump.

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.

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 needed.

For ease-of-use, the main purification technologies are contained in an innovative all-in-one pack that means 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	BLPS-102
Feed Water Requirements*	
Water Inlet	Tap water
Temperature	5-45°C
Pressure	1.0-4.0 Kg/cm <sup>2</sup>
Bacteria	<0.1 cfu/ml
Dimension LxWxH	545x470x610 mm
Weight	20 kg
Power Consumption (W)	240 W
Power Supply	AC110-220 V, 50/60 Hz
Note	*The quality of output water accords with the quality of inlet water.
Ultrapure Water Quality	
Heavy Metal Ion	<0.1 ppb
Endotoxin	<0.001 EU/ml
Rnases	<0.01 ng/ml
Dnases	<4pg/μl
Feed Water Requirements	
Output	12 L/hrs at 25°C
Flow rate (with pressure tank)	>1.5 L/min

Resistivity (25°C)	18.2 MΩ.cm
TOC*	10 ppb
Particle (>0.1µm)	<1/ml
Conductivity of 2 stage RO water	1-5µs/cm*



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