



LABORATORY WATER PURIFICATION SYSTEM BLPS-103

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The 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 sensors, multiple alarms with unique design and it has an easy-to-replace cartridge pack unit.



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 alarms.
Life-span of cartridges' display and alarm.
System circulation function, system sterilization procedure.
The graphic display clearly indicates all system parameters. From water quality to knowing when it is time to change the purification pack, you'll see at a glance.

SPECIFICATIONS

Model	BLPS-103
Water Inlet	Tap water
Temperature	5-45°C
Pressure	1.0-4.0 Kg/cm ²
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	-
Rnases	-
Dnases	-
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*	3 ppb
Particle (>0.1µm)	<1/ml
Conductivity of 2 stage RO water	1-5µs/cm*
Alt Name	Laboratory Water Purification System

FEATURES

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

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System circulation function, system sterilization procedure.

The graphic display clearly indicates all system 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.

APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com