



LABORATORY WATER PURIFICATION SYSTEM BLPS-702

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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.

Also known as Laboratory Deionized water system.

BLPS-702 LABORATORY WATER PURIFICATION 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 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-702
Feed Water Requirements*	
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended if TDS>200 ppm)
Temperature	5-45°C
Pressure	1.0-4.0 Kg/cm ²
Flow Procedure**	-
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
Particles(>0.2µm)	<1/ml
Output(25°C)****	10 L/hrs
Pure water outlet	2: RO water, Electro Deionization water
Dimension LxWxH	500x360x540 mm
Weight	25 kg
Standard configuration	Main body (Including 1 set of cartridges) + 20 liters tank+accessory bag
Power Consumption (W)	120 W
Power Supply	AC110-220 V, 50/60 Hz

Note	<p>*The feed water quality will influence the pure water's quality and cartridges life-span.</p> <p>**PF:polypropylene spun fiber, KDF:kinetic degradation fluxion, AC:active carbon, RO:reverse osmosis, SF:softener, EDI: electro deionization, UV:ultraviolet, TF:terminal microfiltration.</p> <p>***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.</p>
Ultrapure Water Quality	
TOC***	<30 ppb
Flow procedure**	PF+KDF+AC+RO+SF+EDI+UV+TF
EDI water quality	
Resistivity***	>5 MΩ.cm
Silicon rejection rate	>99.9%



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