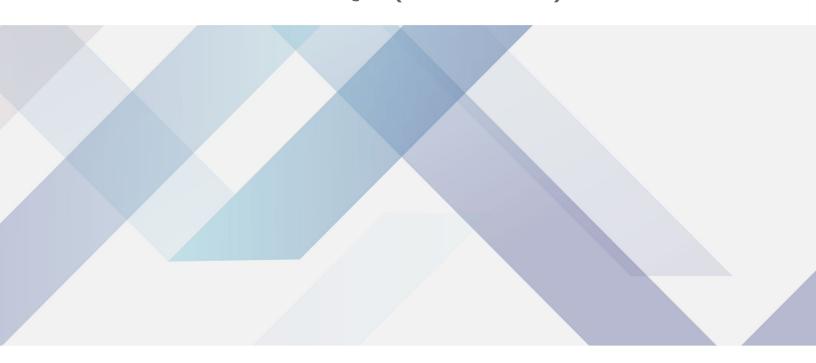






# LABORATORY WATER PURIFICATION SYSTEM BEU1Q2 (BLPS-702)





# LABORATORY WATER PURIFICATION SYSTEM BEU1Q2

### LABORATORY WATER PURIFICATION SYSTEM

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 sensor, multiple alarm with unique design and it has easy-to-replace cartridges pack unit.



With tap water inlet, to produce RO water and ultrapure water, quality can reach to18.2 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 gla

### **SPECIFICATIONS**

Model	BEU1Q2
Old Model	BLPS-702
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 Kgf/cm²
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
DimensionLxWxH	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	*The feed water quality will influence the pure water's quality and cartridges life-span.  **PF:polypropylene spun fiber, KDF:kinetic degradation fluxion, AC:active carbon, RO:reverse osmosis, SF:softener, EDI: electro deionization, UV:ultraviolet, 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:	
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%
Alt Name	Laboratory Water Purification System

### **FEATURES**

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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.

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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.

### **APPLICATIONS**

Laboratory, Manufacturing, Reefkeeping, Aquarium



## Biolab Scientific Ltd.