BioLAB

PRODUCT CATALOG

LABORATORY WATER PURIFICATION SYSTEM

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LABORATORY WATER PURIFICATION SYSTEM BEU1M1 TO BEU1M4

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

Double stage reverse osmosis technology.
With tap water inlet, to produce double stage RO water and ultrapure water,quality can reach to18.2 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 parameters. From water quality to knowing when it is time to change the purification pack,you'll see at a glanc

SPECIFICATIONS

Model	BEU1M1	BEU1M2	BEU1M3	BEU1M4
Old Model	BLPS-301			
Water Inlet	Distilled water, Deionized water or reverse osmosis water			
Temperature	5-45°C			
Pressure	1 atm			
Bacteria	<0.1 cfu/ml			
DimensionLxWxH	545x470x610 mm			
Weight	20 kg			
Power Consumption (W)	120 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	>1.5 L/min			
Resistivity (25°C)	18.2 MΩ.cm			
TOC*	10 ppb		3 ppb	
Resistivity of High Pure Water	>10 MΩ.cm			
Alt Name	Laboratory Water Purification System			

FEATURES

Double stage reverse osmosis technology.
With tap water inlet, to produce double stage RO water and ultrapure water,quality can reach to18.2 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 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, Laboratory, Research

LABORATORY WATER PURIFICATION SYSTEM BEU1K1 TO BEU1K4

LABORATORY WATER PURIFICATION SYSTEM

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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.
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SPECIFICATIONS

Model	BEU1K1	BEU1K2	BEU1K3	BEU1K4
Old Model		BLPS-102	BLPS-103	BLPS-104
Water Inlet	Tap water			
Temperature	5-45℃			
Pressure	1.0-4.0 Kgf/cm²			
Bacteria	<0.1 cfu/ml			
DimensionLxWxH	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	-	<0.001 EU/ml
Rnases	-	<0.01 ng/ml	-	<0.01 ng/ml

Dnases	-	<4 pg/µl	-	<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		3 ppb	
Particle (>0.1µm)	<1/ml			
Conductivity of 2 stage RO water	1-5µs/cm*			
Alt Name	Laboratory Water Purification System			

FEATURES

Double stage reverse osmosis technology.
With tap water inlet, to produce double stage RO water and ultrapure water,quality can reach to18.2 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.
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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

LABORATORY WATER PURIFICATION SYSTEM BEU1L1 TO BEU1L4

LABORATORY WATER PURIFICATION SYSTEM

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.

Laboratory Water Purification System BEU1L1
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 qualit

SPECIFICATIONS

Model	BEU1L1	BEU1L2	BEU1L3	BEU1L4
Old Model		BLPS-202	BLPS-203	BLPS-204
Water Inlet	Tap water			
Temperature	5-45°C			
Pressure	1.0-4.0 Kgf/cm²			
Bacteria	<0.1 cfu/ml			
DimensionLxWxH	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	-	<0.001 EU/ml
Rnases	-	<0.01 ng/ml	-	<0.01 ng/ml
Dnases	-	<4pg/μl	-	<4pg/μl
Feed Water Requirements:				
Output	12 L/hrs at 25°C	24 L/hrs at 25°C		
Flow rate (with pressure tank)	>1.5 L/min			
Resistivity (25°C)	18.2 MΩ.cm			
TOC*	10 ppb		3 ppb	
Particle (>0.1μm)	<1/ml			
Conductivity of 2 stage RO water	1-5μs/cm*			
Alt Name	Laboratory Water Purification System			

FEATURES BEU1L1

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 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.

FEATURES BEU1L2 BEU1L3 BEU1L4

Integrating with Ionpure Electro deionization technology and module.
The largest capacity is 240 liters pure water per day.
Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.
Super-large LCD (Resolution:240x128, dimension:106x57mm) display, display the system running state and various parameters intuitively.
3 way on-line sensor, detect the quality of feed water, RO water, deionized water or ultrapure water respectively.
System sterilization procedure, achieve the disinfection of ultrapure water's pipeline.

System circulation function, circulate water when the system stops working, to keep water quality.
Self-flushing of the reverse osmosis membrane, extend the life of RO membrane.
Multiple alarm functions: such as no water, full water, disqualification of feed water, RO water, deionized water or ultrapure water, cartridges' life-span ends.
The cartridges' life-span can be set, the time used and left can be displayed, replacing auto-reminding, avoiding the decline of water quality.
Level II password, protect all the parameters setting, and prohibit any unauthorized settings change.
Water dispensing function-timing and quality (Time range:1-99min, water quality range:0.1-18.2MΩ.cm).
RS 232/USB communication port (optional), at least store 1 year's water quality data.
Different external tanks (optional) to meet every need and assure ample water-supply.
Human engineering design, molding process, high-strength, streamline plastic shell.
Pretreatment cartridges, RO module, Electro deionization module, ultrapure cartridges, all designed to modularization independently. Easy to maintenance and replacement.
Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.
KDF pretreating cartridge, replace the ordinary active carbon, prolong the life-span to 12 months, reduce the running cost.
DOW's RO membrane, ensure stable operation and high desalinization rate.
4 in 1 ultrapure cartridges (also can be divided to 4 independent cartridge), with DOW's nuclear-grade polishing resin, ensure ultrapure water's quality up to 18.2 MΩ.cm, with the lowest TOC dissolution.
Double wavelength (185&254nm) ultraviolet lamp module, restrain bacteria's increase and reduce TOC.
MWCO 5000D ultrafiltration module, effectively eliminate endotoxin precise cell cultivating and IVF.
(0.45+0.1)μm double layer PES terminal disinfection filter, assure the quality absolutely axenic.

APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research

LABORATORY WATER PURIFICATION SYSTEM BEU1Q1 BEU1Q2

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Laboratory Water Purification System BEU1Q1
Integrating with Ionpure Electro deionization technology and module.
The largest capacity is 240 liters pure water per day.
Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.
Super-large LCD (Resolution:240x128, dimension:106x57mm) display, display the system running state and various parameters intuitively.
3 way on-line sensor, detect the quality of feed water, RO water, deionized water or ultrapure water respectively.
System sterilization procedure, achieve the disinfection of ultrapure water's pipeline.
System circulation function, circulate water when the system stops working, to k

SPECIFICATIONS

Model	BEU1Q1	BEU1Q2
Old Model	BLPS-701	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	>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.	*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	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 BEU1Q1

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System sterilization procedure, achieve the disinfection of ultrapure water's pipeline.
System circulation function, circulate water when the system stops working, to keep water quality.
Self-flushing of the reverse osmosis membrane, extend the life of RO membrane.
Multiple alarm functions: such as no water, full water, disqualification of feed water, RO water, deionized water or ultrapure water, cartridges' life-span ends.
The cartridges' life-span can be set, the time used and left can be displayed, replacing auto-reminding, avoiding the decline of water quality.
Level II password, protect all the parameters setting, and prohibit any unauthorized settings change.
Water dispensing function-timing and quality (Time range:1-99min, water quality range:0.1-18.2MΩ.cm).
RS 232/USB communication port (optional), at least store 1 year's water quality data.
Different external tanks (optional) to meet every need and assure ample water-supply.
Human engineering design, molding process, high-strength, streamline plastic shell.
Pretreatment cartridges, RO module, Electro deionization module, ultrapure cartridges, all designed to modularization independently.
Easy to maintenance and replacement.
Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

KDF pretreating cartridge, replace the ordinary active carbon, prolong the life-span to 12 months, reduce the running cost.
DOW's RO membrane, ensure stable operation and high desalinization rate.
4 in 1 ultrapure cartridges (also can be divided to 4 independent cartridge), with DOW's nuclear-grade polishing resin, ensure ultrapure water's quality up to 18.2 MΩ.cm, with the lowest TOC dissolution.
Double wavelength (185&254nm) ultraviolet lamp module, restrain bacteria's increase and reduce TOC.
MWCO 5000D ultrafiltration module, effectively eliminate endotoxin precise cell cultivating and IVF.
(0.45+0.1)μm double layer PES terminal disinfection filter, assure the quality absolutely axenic.

FEATURES BEU1Q2

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 glance what is need
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APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium

LABORATORY WATER PURIFICATION SYSTEM BEU1R1 BEU1R2 BEU1R3

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Super-large LCD (Resolution:240x128, dimension:106x57mm) display, display the system running state and various parameters intuitively.
3 way on-line sensor, detect the quality of feed water, RO water, or ultrapure water respectively.
System sterilization procedure, achieve the disinfection of ultrapure water's pipeline.
System circulation function, circulate water when the system stops working, to keep water quality.
Self-flushing of the reverse osmosis membrane, extend the life of RO membrane.
Multiple alarm functions: such as no water, full water, disqualification of feed

SPECIFICATIONS

Model	BEU1R1	BEU1R2	BEU1R3
Old Model	BLPS-801	BLPS-803	BLPS-804

Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended if TDS>200 ppm)	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	
Bacteria	<0.1 cfu/ml	
Output(25°C)****	10 L/hrs	
Pure water outlet	2:Electro Deionization water, ultrapure water	
DimensionLxWxH	500x360x540 mm	
Weight	30 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, DI:ion exchange, 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:		
Heavy Metal Ion	<0.1 ppb	
TOC***	<30 ppb	
Endotoxin	-	<0.001 EU/ml
Rnases	-	0.01 ng/ml
Dnases	-	<4pg/μl
Feed Water Requirements:		
Resistivity (25°C)	18.2 MΩ.cm	
Particle (>0.1μm)	<1/ml	
Flow procedure**	PF+KDF+AC+RO+SF+EDI+DI+TF	PF+KDF+AC+RO+SF+EDI+UV+DI+TF	PF+KDF+AC+RO+SF+EDI+UV+DI+UF+TF
EDI water quality:		
Resistivity***	>5 MΩ.cm	
Silicon rejection rate	>99.9%	
Alt Name	Laboratory Water Purification System	

FEATURES

Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.
Super-large LCD (Resolution:240x128, dimension:106x57mm) display, display the system running state and various parameters intuitively.
3 way on-line sensor, detect the quality of feed water, RO water, or ultrapure water respectively.
System sterilization procedure, achieve the disinfection of ultrapure water's pipeline.
System circulation function, circulate water when the system stops working, to keep water quality.
Self-flushing of the reverse osmosis membrane, extend the life of RO membrane.
Multiple alarm functions: such as no water, full water, disqualification of feed water, RO water, deionized water or ultrapure water, cartridges' life-span ends.

The cartridge's life-span can be set, the time used and left can be displayed, replacing auto-reminding, avoiding the decline of water quality.
Level II password, protect all the parameters setting, and prohibit any unauthorized settings change.
Water dispensing function-timing and quality (Time range:1-99min, water quality range:0.1-18.2MΩ.cm).
RS 232/USB communication port(optional), at least store 1 years' water quality data.
Different external tanks (optional) to meet every need and assure ample water-supply.
Human engineering design, molding process, high-strength, streamline plastic shell.
Pretreatment cartridges, RO module, ultrapure cartridges, all designed to modularization independently. Easy to maintenance and replacement.
Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.
KDF pretreating cartridge, replace the ordinary active carbon, prolong the life-span to 12 months, reduce the running cost.
DOW's RO membrane, ensure stable operation and high desalinization rate.
4 in 1 ultrapure cartridges (also can be divided to 4 independent cartridge), with DOW's nuclear-grade polishing resin, ensure ultrapure water's quality up to 18.2 MΩ.cm, with the lowest TOC dissolution.
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APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research

LABORATORY WATER PURIFICATION SYSTEM BEU1S1

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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.

With 5.0 inch touch screen system
3 way water quality sensor
2 way flow sensor for quantified dispensing
single stage RO system
2 pump and lonpure EDI module
With tap water inlet
The largest capacity is 240 liters per day.
It can produce deionized water and ultrapure water.

SPECIFICATIONS

Model	BEU1S1
Old Model	BLPS-802
Output(25°C)	10 liters/hour
Pure water outlet	2: deionized water, ultrapure water
Resistivity	18.2 MΩcm
TOC	<3ppb
Bacteria	<0.1cfu/ml
Particle	<1/ml
Endotoxin	< 0.001Eu/ml
Silicone rejection rate	>99.9%

Dimension	500x360x540mm
Weight	20Kg
Power	120V
Alt Name	Laboratory Water Purification System

APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research

LABORATORY WATER PURIFICATION SYSTEM BEU1P1 BEU1P2

LABORATORY WATER PURIFICATION SYSTEM

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.

Laboratory Water Purification System BEU1P1
With tap water inlet, to produce RO water and ultrapure water,quality can reach to above10MΩ.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.(optional)
Molding process,high-strength, streamline plastic shell.
The graphic display clearly indicates all system's parameters. From water qualit

SPECIFICATIONS

Model	BEU1P1	BEU1P2
Old Model	BLPS-401	BLPS-402
Water Inlet	Tap water	
Temperature	5-45℃	
Pressure	1.0-4.0 Kgf/cm²	
Bacteria	<0.1 cfu/ml	
DimensionLxWxH	570x600x1500 mm	
Weight	60 kg	
Power Consumption (W)	120 W	240 W
Power Supply	AC110-220 V, 50/60 Hz	
Note	*The quality of output water accords with the quality of inlet water.	
Deionized water quality:		
Resistivity	>10 MΩ.cm	
Conductivity	-	
Particle(>0.2μm)	<1/ml	-
Ultrapure Water Quality:		
Heavy metal ion	<0.1 ppb	
Feed Water Requirements:		
Output	60 L/hrs	90 L/hrs
Conductivity of RO water quality	< tap waterx4%	

Alt Name	Laboratory Water Purification System

FEATURES BEU1P1

With tap water inlet, to produce RO water and ultrapure water,quality can reach to above10MΩ.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.(optional)
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.

FEATURES BEU1P2

Integration design
Integrating pretreatment, reverse osmosis, deionization, ultraviolet, ultrafiltration, microfiltration, 250 liters stainless steel tank and pure water supplying and circulation system together.
Perfect control, monitor and alarm
This series could monitor and alarm, including shortage of water, leaking, water pressure, water level, flow velocity and water quality etc.
Operate and record easily
This series operate automatically, all the status of working has indicator light; it also could connect to the computer, then you can download all the information from the computer.
Reliable safety
This series would alarm, when the water quality is not qualified, also has the protection of high/low voltage, electrical overload protection and protection for leaking.
Good extension
BCPS 600 series pure water could be feed water of BBPS 200, BDPS 400, BLPS 100, BLPS 200 and BLPS 300 series. The quality of ultrapure water can reach to 18.2MΩ.cm,meet the requirements of PLC,IC,ICP-MS,GF-AAS,Physics, electrochemical and interface research, molecular biology and life science, animal cells and plant cell culture.

APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium

LABORATORY WATER PURIFICATION SYSTEM BEU1N1 TO BEU1N4

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 cartridge 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	BEU1N1	BEU1N2	BEU1N3	BEU1N4
Water Inlet	Tap water			
Temperature	5-45°C			
Pressure	1.0-4.0 Kgf/cm²		1.0-4.0Kgf/cm²	1.0-4.0 Kgf/cm²
Bacteria	<0.1 cfu/ml			
DimensionLxWxH	570x600x1500 mm			
Weight	60 kg			
Power Consumption (W)	120 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	-	<0.001 EU/ml
Rnases	-	<0.01 ng/ml	-	<0.01 ng/ml
Dnases	-	<4pg/μl	-	<4pg/μl
Feed Water Requirements:				
Output	60 L/hrs at 25°C			
Flow rate (with pressure tank)	-			
Resistivity (25°C)	18.2 MΩ.cm			
TOC*	10 ppb		3 ppb	
Particle (>0.1μm)	<1/ml			
Conductivity of RO water quality	< tap waterx4%			
Alt Name	Laboratory Water Purification System			

FEATURES

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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, Laboratory, Research

LABORATORY WATER PURIFICATION SYSTEM BEU101 TO BEU104

LABORATORY WATER PURIFICATION SYSTEM

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 distilled water,deionized water or reverse osmosis water inlet,to produce high pure water and ultrapure water
High pure water's quality is above10 MΩ.cm,and ultrapure water,s quality can reach to18.2 MΩ.cm.
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 need.

SPECIFICATIONS

Model	BEU101	BEU102	BEU103	BEU104
Water Inlet	Tap water			
Temperature	5-45°C			
Pressure	1.0-4.0 Kgf/cm²			
Bacteria	<0.1 cfu/ml			
DimensionLxWxH	570x600x1500 mm			
Weight	60 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	90 L/hrs at 25°C
Resistivity (25°C)	18.2 MΩ.cm
TOC*	3 ppb
Particle (>0.1µm)	<1/ml
Conductivity of RO water quality	< tap waterx4%
Alt Name	Laboratory Water Purification System

FEATURES

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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