



MEDIUM WATER PURIFICATION SYSTEM

MEDIUM WATER PURIFICATION SYSTEM BEU1BH1 BEU1BH2

MEDIUM WATER PURIFICATION SYSTEM

This is an excellent choice of high-performance water purifying system. The self-flushing of the reverse osmosis membrane, extends the life of RO membrane. These systems are Level II password protected for all the parameters setting, and forbid any unauthorized settings change also It has multiple alarm functions.



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

SPECIFICATIONS

Model	BEU1BH1	BEU1BH2
Old Model	BDPS-101	BDPS-102
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**	PF+KDF+AC+RO+AC+DI	PF+KDF+AC+RO+AC+DI+UV+TF
Ion rejection rate	96%-99% (New RO membrane)	
Organic rejection rate	>99%, when MW>200 Dalton	
Particles and bacteriarejection rate	>99%	
Bacteria	-	<0.1 cfu/ml
Output(25°C)****	15 L/hr	
Pure water outlet	RO water and Deionized water	
DimensionLxWxH	500x360x540 mm	
Weight	22 kg	
Standard configuration	Main body (Including 1 set of cartridges)+15 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, DI:ion exchange, UV:ultraviolet, TF:terminal microfiltration. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.	
Resistivity	>16-18.2 MΩ.cm	
Particle(>0.2μm)	<1/ml	-
Heavy metal ion	<0.1 ppb	
Flow rate	2.0 L/min (with pressure tank)	
Alt Name	Medium 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.

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

MEDIUM WATER PURIFICATION SYSTEM BEU1BI1 BEU1BI2

MEDIUM WATER PURIFICATION SYSTEM

This is an excellent choice of high-performance water purifying system. The self-flushing of the reverse osmosis membrane, extends the life of RO membrane. These systems are Level II password protected for all the parameters setting, and forbid any unauthorized settings change also It has multiple alarm functions.



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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	BEU1BI1	BEU1BI2
Old Model	BDPS-103	BDPS-104
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**	PF+KDF+AC+RO+AC+DI	PF+KDF+AC+RO+AC+DI+UV+TF
Ion rejection rate	96%-99% (New RO membrane)	
Organic rejection rate	>99%, when MW>200 Dalton	
Particles and bacteriarejection rate	>99%	
Bacteria	-	<0.1 cfu/ml
Output(25°C)****	30 L/hr	
Pure water outlet	RO water and Deionized water	
DimensionLxWxH	500x360x540 mm	
Weight	22 kg	
Standard configuration	Main body (Including 1 set of cartridges)+15 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, DI:ion exchange, UV:ultraviolet, TF:terminal microfiltration. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.	
Resistivity	>16-18.2 MΩ.cm	
Conductivity	-	
Particle(>0.2μm)	<1/ml	
Heavy metal ion	<0.1 ppb	
Flow rate	2.0 L/min (with pressure tank)	
Alt Name	Medium 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.

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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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MWCO 5000D ultrafiltration module, effectively eliminate endotoxin precise cell cultivating and IVF.

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APPLICATIONS

Laboratory, Manufacturing, Reefkeeping, Aquarium

MEDIUM WATER PURIFICATION SYSTEM BEU1BN1 TO BEU1BN4

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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

SPECIFICATIONS

Model	BEU1BN1	BEU1BN2	BEU1BN3	BEU1BN4
Old Model	BDPS-401	BDPS-402	BDPS-403	BDPS-404
Water Inlet	RO water, Distilled water, Deionized water			
Temperature	5-45°C			
Pressure	1 atm*			
Flow Procedure**	AC+DI+TF	AC+DI+UF+TF	UV+AC+DI+TF	UV+AC+DI+UF+TF
Bacteria	<0.1 cfu/ml			
Output(25°C)****	Utmost up to 2.0 L/min (less output with UF cartridge)			
Pure water outlet	Deionized water and Ultrapure water			
DimensionLxWxH	500x360x540 mm			
Weight	20 kg			
Standardconfiguration	Main body (Including 1 set of cartridges)+ 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. **AC:active carbon, DI:ion exchange, UV:ultraviolet, UF:ultrafiltration, TF:terminal microfiltration. ***Value of number will be influenced by feed water quality. ****The output will decrease with terminal filter or UF cartridge.	*The feed water quality will influence the pure water's quality and cartridges life-span. ** AC: active carbon, DI:ion exchange, UV:ultraviolet, UF:ultrafiltration, TF:terminal microfiltration. ***Value of number will be influenced by feed water quality. ****The output will decrease with terminal filter or UF cartridge.	*The feed water quality will influence the pure water's quality and cartridges life-span. ** AC: active carbon, DI: ion exchange, UV: ultraviolet, UF: ultrafiltration, TF: terminal microfiltration. ***Value of number will be influenced by feed water quality. ****The output will decrease with terminal filter or UF cartridge.	*The feed water quality will influence the pure water's quality and cartridges life-span. ** AC:active carbon, DI:ion exchange, UV:ultraviolet, UF:ultrafiltration, TF:terminal microfiltration. ***Value of number will be influenced by feed water quality. ****The output will decrease with terminal filter or UVF cartridge.
Resistivity	>5 MΩ.cm			
Resistivity(25°C)	18.2 MΩ.cm			
Heavy Metal Ion	<0.1 ppb			
TOC***	<10 ppb		<3 ppb	
Particle (>0.2μm)	<1/ml			
Endotoxin	-	<0.001 EU/ml	-	<0.001 EU/ml
Rnases	-	<0.01 ng/ml	-	<0.01 ng/ml
Dnases	-	<4 pg/μL	-	<4pg/μl
Alt Name	Medium 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.

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

MEDIUM WATER PURIFICATION SYSTEM BEU1BJ1 BEU1BJ2

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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

SPECIFICATIONS

Model	BEU1BJ1	BEU1BJ2
Old Model	BDPS-201	BDPS-205
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**	PF+KDF+AC+RO+DI+TF	
Ion rejection rate	96%-99% (New RO membrane)	
Organic rejection rate	>99%, when MW>200 Dalton	
Particles and bacteriarejection rate	>99%	
Bacteria	<0.1 cfu/ml	
Output(25°C)***	15 L/hr	30 L/hr
Pure water outlet	RO water and Ultrapure water	
DimensionLxWxH	500x360x540 mm	
Weight	25 kg	
Standard configuration	Main body (Including 1 set of cartridges)+15 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, DI:ion exchange, UV:ultraviolet, 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.	
Resistivity(25°C)	18.2 MΩ.cm	
Heavy Metal Ion	<0.1 ppb	

TOC***	<10 ppb
Particle (>0.2µm)	<1/ml
Flow rate	2.0 L/min (with pressure tank)
Alt Name	Medium 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 modularize independently. Easy to maintain and replace.

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.

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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

MEDIUM WATER PURIFICATION SYSTEM BEU1BL1 BEU1BL2

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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

SPECIFICATIONS

Model	BEU1BL1	BEU1BL2
Old Model	BDPS-203	BDPS-207
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**	PF+KDF+AC+RO+UV+DI+TF	
Ion rejection rate	96%-99% (New RO membrane)	
Organic rejection rate	>99%, when MW>200 Dalton	
Particles and bacteriarejection rate	>99%	
Bacteria	<0.1 cfu/ml	
Output(25°C)****	15 L/hr	30 L/hr
Pure water outlet	RO water and Ultrapure water	
DimensionLxWxH	500x360x540 mm	
Weight	25 kg	
Standard configuration	Main body (Including 1 set of cartridges)+15 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, DI:ion exchange, UV:ultraviolet, 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.</p>	
Resistivity(25°C)	18.2 MΩ.cm	
Heavy Metal Ion	<0.1 ppb	
TOC***	<3 ppb	
Particle (>0.2µm)	<1/ml	
Flow rate	2.0 L/min (with pressure tank)	
Alt Name	Medium Water Purification System	

FEATURES

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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 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.

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SPECIFICATIONS

Model	BEU1BK1	BEU1BK2
Old Model	BDPS-202	BDPS-206
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200ppm)	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**	PF+KDF+AC+RO+DI+UF+TF	
Ion rejection rate	96%-99% (New RO membrane)	
Organic rejection rate	>99%, when MW>200 Dalton	
Particles and bacteriarejection rate	>99%	
Bacteria	<0.1 cfu/ml	
Output(25°C)****	15 L/hr	30 L/hr
Pure water outlet	RO water and Ultrapure water	
DimensionLxWxH	500x360x540 mm	
Weight	25 kg	
Standard configuration	Main body (Including 1 set of cartridges)+15 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, DI:ion exchange, UV:ultraviolet, 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.</p>	
Resistivity(25°C)	18.2 MΩ.cm	
Heavy Metal Ion	<0.1 ppb	
TOC***	<10 ppb	
Particle (>0.2μm)	<1/ml	
Endotoxin	<0.001 EU/ml	
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 Double wavelength (185&254nm) ultraviolet lamp module, restrain bacteria's increase and reduce TOC.
 MWC0 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

MEDIUM WATER PURIFICATION SYSTEM BEU1BM1 BEU1BM2

MEDIUM WATER PURIFICATION SYSTEM

This is an excellent choice of high-performance water purifying system. The self-flushing of the reverse osmosis membrane, extend the life of RO membrane. These systems are Level II password protected for all the parameters setting, and forbid any unauthorized settings change also It has multiple alarm functions.



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

SPECIFICATIONS

Model	BEU1BM1	BEU1BM2
Old Model	BDPS-204	BDPS-208
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**	PF+KDF+AC+RO+UV+DI+UF+TF	
Ion rejection rate	96%-99% (New RO membrane)	
Organic rejection rate	>99%, when MW>200 Dalton	
Particles and bacteriarejection rate	>99%	
Bacteria	<0.1 cfu/ml	
Output(25°C)****	15 L/hr	30 L/hr
Pure water outlet	RO water and Ultrapure water	
Water Quality Monitor	-	
DimensionLxWxH	500x360x540 mm	
Weight	25 kg	

Standard configuration	Main body (Including 1 set of cartridges)+15 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, DI:ion exchange, UV:ultraviolet, 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.
Resistivity(25°C)	18.2 MΩ.cm
Heavy Metal Ion	<0.1 ppb
TOC***	<3 ppb
Particle (>0.2μm)	<1/ml
Endotoxin	<0.001 EU/ml
Rnases	<0.01 ng/ml
Dnases	<4pg/μl
Flow rate	2.0 L/min (with pressure tank)
Alt Name	Medium 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.

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



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