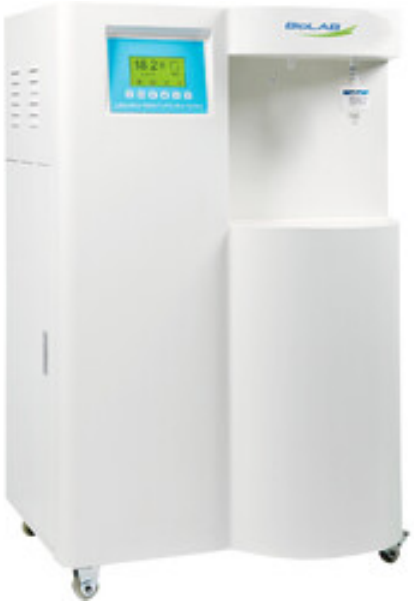
BioLAB

PRODUCT CATALOG



LARGE CAPACITY WATER PURIFICATION SYSTEM

CE ISO9001 CERTIFIED

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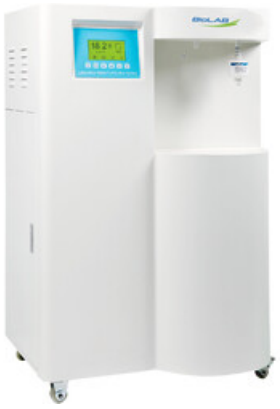
LARGE CAPACITY WATER PURIFICATION SYSTEM

This series is idea choice for general washing pure water. It's output ranges from 45 to 500 liter of water an hour. It has automatic microcomputer controlling system, real-time animation mode display. Pipeline and fast-plug adapter with NSF authorization, assure high-quality ultrapure water.
Used in Laboratory, Manufacturing, Reefkeeping, Aquarium, Laboratory, Research.
Also known as Laboratory Double stage RO ultrapure Water Purification System.

400 LARGE CAPACITY WATER PURIFICATION SYSTEM



Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.

Super-large LCD (Resolution:240×128, dimension:106×57mm) 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.

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, cartridge's 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.

2 built-in tank (capacity:15 liters per tank) to save lab space, and optional exterior tanks meet different need to assure ample water-supply.

High-strength stainless steel shell with powder painting technics, achieve elegant appearance and meeting GLP standard.

The system is floor type, and it is convenient to move with wheels on the bottom.

Enough internal space is reserved to add circulation transportation system for central water supply.

Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

DOW's RO membrane, ensure stable operation and high desalinization rate.

Special large capacity ultrapure polishing technology, to optimize pure water quality maximumly with minimum resin. With DOW's nuclear-grade polishing resin, to 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.

SPECIFICATIONS

Model	BCPS-401	BCPS-402	BCPS-404	BCPS-405
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+RO+AC		PF+AC+RO+RO+AC+DI+TF	
Output(25°C)****	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr
Pure water outlet	1st and 2nd stage RO water		2nd stage RO and Deionized water	
DimensionLxWxH	760x630x1190 mm			
Weight	80 kg			
Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag			
Power Consumption (W)	300 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, 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.		*The feed water quality will influence the pure water's quality and cartridges life-span. **PF:polypropylene spun fiber, 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.	
Ultrapure Water Quality				
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%			
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%			
Heavy metal ion	-	-	<0.1 ppb	
Resistivity(25°C)	-	-	-	-
Heavy Metal Ion	-	-	-	-
TOC***	-	-	-	-
Particle (>0.2μm)	-	-	-	-
Endotoxin	-	-	-	-
Rnases	-	-	-	-
Dnases	-	-	-	-
Bacteria	-	-	<0.1 cfu/ml	
Deionized water quality				
Resistivity	-	-	>10-18.2 MΩ.cm	
Conductivity	-	-		
Particle(>0.2μm)	-	-	<1/ml	

Model	BCPS-410	BCPS-408	BCPS-407	BCPS-409
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF			
Output(25°C)****	1st stage RO water: 63 L/hr, 2nd stage RO water: 30 L/hr			
Pure water outlet	1st, 2nd stage RO and Ultrapure water			
DimensionLxWxH	760x630x1190 mm			
Weight	80 kg			

Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag			
Power Consumption (W)	300 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, 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.			
Ultrapure Water Quality				
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%			
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%			
Heavy metal ion	-	-	-	-
Resistivity(25°C)	18.2 MΩ.cm			
Heavy Metal Ion	<0.1 ppb			
TOC***	<3 ppb	<10 ppb		<3 ppb
Particle (>0.2μm)	<1/ml			
Endotoxin	<0.001 EU/ml		-	-
Rnases	<0.01 ng/ml		-	-
Dnases	<4pg/μl		-	-
Bacteria	<0.1 cfu/ml			
Deionized water quality				
Resistivity	-	-	-	-
Conductivity	-	-	-	-
Particle(>0.2μm)	-	-	-	-

Model	BCPS-411	BCPS-412	BCPS-413	BCPS-414
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF			
Output(25°C)****	1st stage RO water: 94 L/hr, 2nd stage RO water: 45 L/hr			
Pure water outlet	1st, 2nd stage RO and Ultrapure water			
DimensionLxWxH	760x630x1190 mm			
Weight	80 kg			
Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag			
Power Consumption (W)	300 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, 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.			
Ultrapure Water Quality				
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%			
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%			
Heavy metal ion	-	-	-	-

Resistivity(25℃)	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	-	<4pg/μl	-	<4pg/μl
Bacteria	<0.1 cfu/ml			
Deionized water quality				
Resistivity	-	-	-	-
Conductivity	-	-	-	-
Particle(>0.2μm)	-	-	-	-

Model	BCPS-415	BCPS-416	BCPS-417
Feed Water Requirements*			
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200 ppm)		
Temperature	5-45℃		
Pressure	1.0-4.0 Kgf/cm²		
Flow Procedure**	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF		
Output(25℃)****	1st stage RO water:125 L/hr, 2nd stage RO water: 60 L/hr		
Pure water outlet	1st, 2nd stage RO and Ultrapure water		
DimensionLxWxH	760x630x1190 mm		
Weight	80 kg		
Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag		
Power Consumption (W)	300 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, 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℃, 50psi and 15% recovery rate.		
Ultrapure Water Quality			
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%		
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%		
Heavy metal ion	-	-	-
Resistivity(25℃)	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	-
Rnases	-	<0.01 ng/ml	-
Dnases	-	<4pg/μl	-
Bacteria	<0.1 cfu/ml		
Deionized water quality			
Resistivity	-	-	-
Conductivity	-	-	-
Particle(>0.2μm)	-	-	-

BCPS-401

BCPS-402

BCPS-404

BCPS-405

BCPS-410

BCPS-408

BCPS-407

BCPS-409

BCPS-411

BCPS-412

BCPS-413

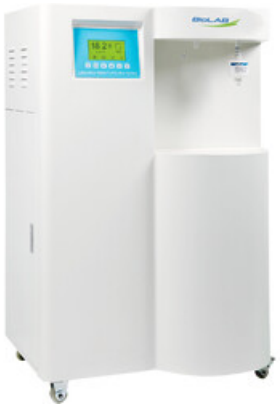
BCPS-414

BCPS-415

BCPS-416

BCPS-417

BCPS-403 LARGE CAPACITY WATER PURIFICATION SYSTEM



Human engineering design, high-strength, streamline plastic shell.

One time injection molding process case, material: Polypropylene PP.

Elegant and compact case, integrating pre-filter, RO, DI, UV, UF and terminal filter into one.

All filters are built-in, for the smallest outside space.

Top cap of pre-filters in the case can be rapidly opened to replace the pre-filters without opening the case.

With electronic pressure sensor and microcomputer controlling, the system automatically produces pure water.

Automatic stop without water, automatic stop when water tank full, automatically cutting off water when pump stopping,

guaranteeing 24 hours' work.

Self-flushing of the reverse osmosis membrane, extend the life of RO membrane.

On-line resistivity monitor, with apheliotropic LCD display, to detect the quality of deionized or ultrapure water.

Attached portable TDS (total dissolved solid)/conductivity test pen, with dry cell design, to detect the quality of tap water

and RO water.

Different external tanks (optional) to meet every need and assure ample water-supply.

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.

DOW's RO membrane, ensure stable operation and high desalinization rate.

4 ultrapure cartridges, 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.

SPECIFICATIONS

Model	BCPS-403
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 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+AC
Output(25°C)****	1st stage RO water:125 L/hr, 2nd stage RO water: 60 L/hr
Pure water outlet	1st and 2nd stage RO water
DimensionLxWxH	760x630x1190 mm
Weight	80 kg

Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag
Power Consumption (W)	300 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, 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.
Ultrapure Water Quality	
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%

200 LARGE CAPACITY WATER PURIFICATION SYSTEM

Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.

Super-large LCD (Resolution:240×128, dimension:106×57mm) 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.

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, cartridge's 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.

2 built-in tank (capacity:15 liters per tank) to save lab space, and optional exterior tanks meet different need to assure ample water-supply.

High-strength stainless steel shell with powder painting technics, achieve elegant appearance and meeting GLP standard.

The system is floor type, and it is convenient to move with wheels on the bottom.

Enough internal space is reserved to add circulation transportation system for central water supply.

Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

-DOW's RO membrane, ensure stable operation and high desalinization rate.

Special large capacity ultrapure polishing technology, to optimize pure water quality maximumly with minimum resin. With DOW's nuclear-grade polishing resin, to 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.

SPECIFICATIONS

Model	BCPS-201	BCPS-202	BCPS-203	BCPS-204
Feed Water Requirements*				
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>200ppm)	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**	PF+AC+RO+AC+DI+TF			
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			
Output(25°C)****	45 L/hr	63 L/hr	94 L/hr	125 L/hr
Pure water outlet	RO water and Deionized water			
DimensionLxWxH	640x540x1110 mm			
Weight	70 kg			
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 liters tank +accessory bag			
Power Consumption (W)	120 W		240 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, AC:active carbon, RO:reverse osmosis, DI:ion exchange, TF:terminal microfiltration. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.			
Deionized water quality				
Resistivity	>10-18.2 MΩ.cm			
Conductivity	0.055-0.1μs/cm			
Particle(>0.2μm)	<1/ml			-

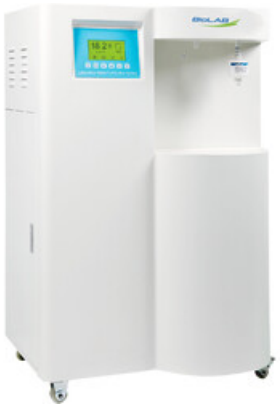

BCPS-201


BCPS-202


BCPS-203


BCPS-204

BCPS-406 LARGE CAPACITY WATER PURIFICATION SYSTEM



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:240×128, dimension:106×57mm) 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.

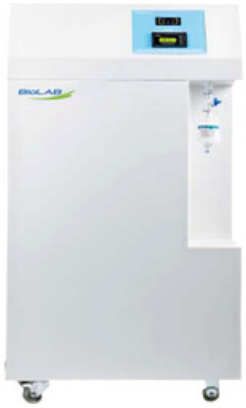
(0.45+0.1)μm double layer PES terminal disinfection filter, assure the quality absolutely axenic.

SPECIFICATIONS

Model	BCPS-406
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 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+AC+DI+TF

Bacteria	<0.1 cfu/ml
Output(25°C)****	1st stage RO water:125 L/hr, 2nd stage RO water: 60 L/hr
Pure water outlet	2nd stage RO and Deionized water
DimensionLxWxH	760x630x1190 mm
Weight	80 kg
Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag
Power Consumption (W)	300 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, 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.
Deionized water quality	
Resistivity	>10-18.2 MΩ.cm
Conductivity	-
Ultrapure Water Quality	
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%
Heavy metal ion	<0.1 ppb

100 LARGE CAPACITY WATER PURIFICATION SYSTEM



Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.

Super-large LCD (Resolution:240×128, dimension:106×57mm) 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.

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, cartridge's 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.

2 built-in tank (capacity:15 liters per tank) to save lab space, and optional exterior tanks meet different need to assure ample water-supply.

High-strength stainless steel shell with powder painting technics, achieve elegant appearance and meeting GLP standard.

The system is floor type, and it is convenient to move with wheels on the bottom.

Enough internal space is reserved to add circulation transportation system for central water supply.

Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

-DOW's RO membrane, ensure stable operation and high desalinization rate.

Special large capacity ultrapure polishing technology, to optimize pure water quality maximumly with minimum resin. With DOW's nuclear-grade polishing resin, to 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.

SPECIFICATIONS

Model	BCPS-101	BCPS-102	BCPS-103
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 Kgf/cm²		
Flow Procedure**	PF+AC+RO+AC		
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 (with optional 0.2μm PES terminal filter)		
Particles(>0.2μm)	<1/ml (with optional 0.2 μm PES terminal filter)		

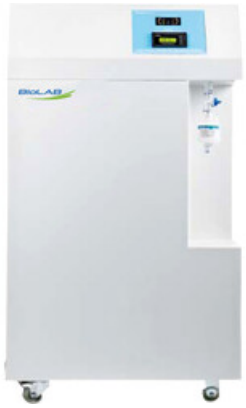
Output(25°C)****	45 L/hr	63 L/hr	94 L/hr
Pure water outlet	RO water		
Water Quality Monitor	Portable TDS/conductivity test pen + on-line conductivity monitor		
DimensionLxWxH	640x540x1110 mm		
Weight	70 kg		
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 liters tank+ TDS pen +accessory bag		
Power Consumption (W)	120 W		240 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, AC:active carbon, RO:reverse osmosis. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.		


BCPS-101


BCPS-102


BCPS-103

BCPS-104 LARGE CAPACITY WATER PURIFICATION SYSTEM



Independent power control and automatic operation, easy to install, use and maintain.

Integrate level control, pressure pump, buffer tank and inlet valves together.

It is unnecessary to connect to the circuit of pure water main-body. It can run automatically according to liquid lever of the tank.

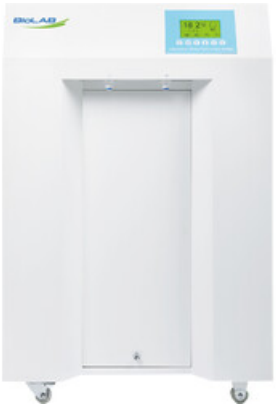
Optional UV lamp module, to restrain bacteria's increase and reduce TOC.

SPECIFICATIONS

Model	BCPS-104
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 Kgf/cm²
Flow Procedure**	PF+AC+RO+AC
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 (with optional 0.2μm PES terminal filter)
Particles(>0.2μm)	<1/ml (with optional 0.2 μm PES terminal filter)

Output(25°C)****	125 L/hr
Pure water outlet	RO water
Water Quality Monitor	Portable TDS/conductivity test pen + on-line conductivity monitor
DimensionLxWxH	640x540x1110 mm
Weight	70 kg
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 liters tank+ TDS pen +accessory bag
Power Consumption (W)	240 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, AC:active carbon, RO:reverse osmosis. ***All the specifications are tested under the situation:feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.

500 LARGE CAPACITY WATER PURIFICATION SYSTEM



Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.

Super-large LCD (Resolution:240×128, dimension:106×57mm) 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.

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, cartridge's 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.

2 built-in tank (capacity:15 liters per tank) to save lab space, and optional exterior tanks meet different need to assure ample water-supply.

High-strength stainless steel shell with powder painting technics, achieve elegant appearance and meeting GLP standard.

The system is floor type, and it is convenient to move with wheels on the bottom.

Enough internal space is reserved to add circulation transportation system for central water supply.

Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

DOW's RO membrane, ensure stable operation and high desalinization rate.

Special large capacity ultrapure polishing technology, to optimize pure water quality maximumly with minimum resin. With DOW's nuclear-grade polishing resin, to 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.

SPECIFICATIONS

Model	BCPS-501	BCPS-503	BCPS-502
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 Kgf/cm²		
Flow Procedure**	PF+AC+RO+RO+AC	PF+AC+RO+RO+AC+DI	
Ion rejection rate	96%-99% (New RO membrane)		
Organic rejection rate	>99%(when MW>200 Dalton)		
Particles and bacteria rejection rate	>99%		
Output(25°C)****	250 L/hr		
Pure water outlet	RO water	RO, Deionized and Ultrapure water	RO and Deionized water
DimensionLxWxH	760x550x1210 mm		
Weight	85 kg		
Standard configuration	Main body (Including 1 set of cartridges) + accessory bag		
Power Consumption (W)	480 W		
Power Supply	AC110-220 V, 50/60 Hz		
Note	*The feed water quality will influence the pure waters quality and cartridges life-span. **PF:polypropylene spun fiber, AC:active carbon, RO:reverse osmosis, DI:ion exchange, ***Value of number will be influenced by temperature and feed water quality. ****All the specifications are tested under the situation:feed waters 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, AC:active carbon, RO:reverse osmosis, DI:ion exchange, ***Value of number will be influenced by temperature and feed water quality. ****All the specifications are tested under the situation:feed waters TDS=200ppm, 25°C, 50psi and 15% recovery rate.
Bacteria	-	<0.1 cfu/ml (with terminal filter)	<0.1 cfu/ml (with terminal filter)
Water Quality Monitor	-		-
Ultrapure Water Quality			
Resistivity(25°C)	-	18.2 MΩ.cm	-
Heavy Metal Ion	-	<0.1 ppb	-
TOC***	-	<10 ppb (with UV module<3 ppb)	-
Particle (>0.2μm)	-	<1/ml (with terminal filter)	-
Endotoxin	-	<0.001 EU/ml (with UF module)	-
Rnases	-	<0.01 ng/ml (with UF module)	-
Dnases	-	<4pg/μl	-
Heavy metal ion	-	-	<0.1 ppb
Deionized water quality			
Resistivity	-	-	>10-18.2 MΩ.cm
Conductivity	-	-	
Particle(>0.2μm)	-	-	<1/ml

BCPS-501

BCPS-503

BCPS-502

300 LARGE CAPACITY WATER PURIFICATION SYSTEM

Automatic microcomputer controlling system, multi-menu operating, real-time animation mode display.

Super-large LCD (Resolution:240×128, dimension:106×57mm) 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.

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, cartridge's 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.

2 built-in tank (capacity:15 liters per tank) to save lab space, and optional exterior tanks meet different need to assure ample water-supply.

High-strength stainless steel shell with powder painting technics, achieve elegant appearance and meeting GLP standard.

The system is floor type, and it is convenient to move with wheels on the bottom.

Enough internal space is reserved to add circulation transportation system for central water supply.

Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

-DOW's RO membrane, ensure stable operation and high desalinization rate.

Special large capacity ultrapure polishing technology, to optimize pure water quality maximumly with minimum resin. With DOW's nuclear-grade polishing resin, to 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.

SPECIFICATIONS

Model	BCPS-301	BCPS-305	BCPS-309	BCPS-302
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+AC+DI+TF			PF+AC+RO+AC+DI+UF+TF
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			
Output(25°C)****	45 L/hr			63 L/hr
Pure water outlet	RO water and Ultrapure water			
DimensionLxWxH	640x540x1110 mm			
Weight	70 kg			
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 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 waters quality and cartridges life-span. **PF:polypropylene spun fiber, 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 waters TDS=200ppm, 25°C, 50psi and 15% recovery rate.			
Ultrapure Water Quality				
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
Rnases	-	-	-	<0.01 ng/ml
Dnases	-	-	-	<4pg/μl
Water Quality Monitor	-	-	-	
Deionized water quality				
Particle(>0.2μm)	-	-	-	-

Model	BCPS-306	BCPS-310	BCPS-303	BCPS-307
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+AC+DI+UF+TF		PF+AC+RO+AC+UV+DI+TF	
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			
Output(25°C)****	63 L/hr		94 L/hr	
Pure water outlet	RO water and Ultrapure water			
DimensionLxWxH	640x540x1110 mm			
Weight	70 kg			
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 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 waters quality and cartridges life-span. **PF:polypropylene spun fiber, 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 waters TDS=200ppm, 25°C, 50psi and 15% recovery rate.		
Ultrapure Water Quality			
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	-	-
Rnases	<0.01 ng/ml	-	-
Dnases	<4pg/μl	-	-
Water Quality Monitor	-		
Deionized water quality			
Particle(>0.2μm)	-	-	-

Model	BCPS-311	BCPS-304	BCPS-308	BCPS-312
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+AC+UV+DI+TF	PF+AC+RO+AC+UV+DI+UF+TF		
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			
Output(25°C)****	94 L/hr	125 L/hr		
Pure water outlet	RO water and Ultrapure water			
DimensionLxWxH	640x540x1110 mm			
Weight	70 kg			
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 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 waters quality and cartridges life-span. **PF:polypropylene spun fiber, 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 waters TDS=200ppm, 25°C, 50psi and 15% recovery rate.			
Ultrapure Water Quality				
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		
Water Quality Monitor	-			
Deionized water quality				
Particle(>0.2μm)	-	-	-	-


BCPS-301


BCPS-305


BCPS-309


BCPS-302


BCPS-306


BCPS-310


BCPS-303


BCPS-307


BCPS-311


BCPS-304


BCPS-308


BCPS-312

300 LARGE CAPACITY WATER PURIFICATION SYSTEM

Human engineering design, high-strength, streamline plastic shell.

One time injection molding process case, material: Polypropylene PP.

Elegant and compact case, integrating pre-filter, RO, DI, UV, UF and terminal filter into one.

All filters are built-in, for the smallest outside space.

Top cap of pre-filters in the case can be rapidly opened to replace the pre-filters without opening the case.

With electronic pressure sensor and microcomputer controlling, the system automatically produces pure water.

Automatic stop without water, automatic stop when water tank full, automatically cutting off water when pump stopping,

guaranteeing 24 hours' work.

Self-flushing of the reverse osmosis membrane, extend the life of RO membrane.

On-line resistivity monitor, with apheliotropic LCD display, to detect the quality of deionized or ultrapure water.

Attached portable TDS (total dissolved solid)/conductivity test pen, with dry cell design, to detect the quality of tap water

and RO water.

Different external tanks (optional) to meet every need and assure ample water-supply.

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.

DOW's RO membrane, ensure stable operation and high desalinization rate.

4 ultrapure cartridges, 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.

SPECIFICATIONS

Model	BCPS-313	BCPS-314	BCPS-315	BCPS-316
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 Kgf/cm²			
Flow Procedure**	PF+AC+RO+AC+DI+TF	PF+AC+RO+AC+DI+UF+TF	PF+AC+RO+AC+UV+DI+TF	PF+AC+RO+AC+UV+DI+UF+TF
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			
Output(25°C)****	45 L/hr	63 L/hr	94 L/hr	125 L/hr
Pure water outlet	RO water and Ultrapure water			
DimensionLxWxH	640x540x1110 mm			
Weight	70 kg			
Standard configuration	Main body (Including 1 set of cartridges)+ 2 built-in15 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 waters quality and cartridges life-span. **PF:polypropylene spun fiber, 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 waters TDS=200ppm, 25°C, 50psi and 15% recovery rate.			
Deionized water quality				
Particle(>0.2μm)	<1/ml			
Ultrapure Water Quality				
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	-	<4pg/μl	-	<4pg/μl
Water Quality Monitor	-			

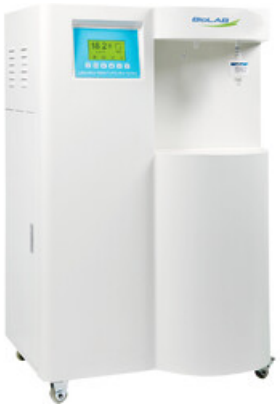

BCPS-313


BCPS-314


BCPS-315


BCPS-316

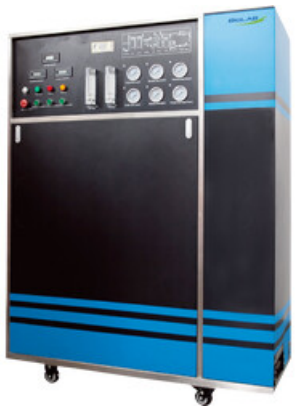
BCPS-418 LARGE CAPACITY WATER PURIFICATION SYSTEM



SPECIFICATIONS

Model	BCPS-418
Feed Water Requirements*	
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200 ppm)
Temperature	5-45℃
Pressure	1.0-4.0 Kgf/cm²
Flow Procedure**	PF+AC+RO+RO+(UV)+AC+DI+(UF)+TF
Bacteria	<0.1 cfu/ml
Output(25℃)****	1st stage RO water:125 L/hr, 2nd stage RO water: 60 L/hr
Pure water outlet	1st, 2nd stage RO and Ultrapure water
DimensionLxWxH	760x630x1190 mm
Weight	80 kg
Standard configuration	Main body (Including 1 set of cartridges) + built-in 2 tank (40L PE tank+2 gallon pressure tank)+ accessory bag
Power Consumption (W)	300 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, 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℃, 50psi and 15% recovery rate.
Ultrapure Water Quality	
Resistivity(25℃)	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
1st stage RO water's TDS	TDS (ppm, mg/l) < TDS of tap water x 5%
2nd stage RO water's conductivity	1-5μs/cm, Organic rejection rate>99% (when MW>200 Dalton), Particles and bacteria rejection rate>99%

600 LARGE CAPACITY WATER PURIFICATION SYSTEM



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.

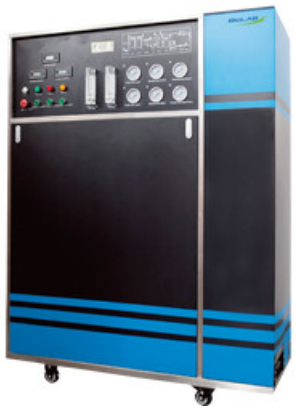
SPECIFICATIONS

Model	BCPS-603	BCPS-601
Feed Water Requirements*		
Water Inlet	Tap water or ground water	
Flow Procedure**	QZ+AC+SI+MF+RO+DI	QZ+AC+SI+MF+RO
Ion rejection rate	≥98%	
Output(25°C)****	250 L/hr	
DimensionLxWxH	1310x550x1750 mm	
Weight	300 kg	
Power Consumption (W)	3000 W	
Power Supply	AC380 V, 50 Hz	
Note	-	
Deionized water quality		
Resistivity	≥10MΩ.cm	-

BCPS-603

BCPS-601

BCPS-604 LARGE CAPACITY WATER PURIFICATION SYSTEM



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.

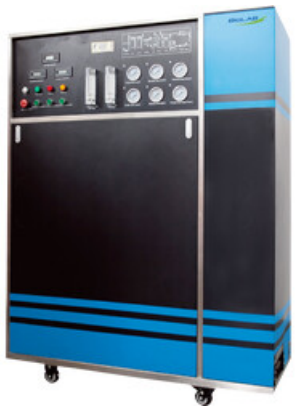
Good extension

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.

SPECIFICATIONS

Model	BCPS-604
Feed Water Requirements*	
Water Inlet	Tap water or ground water
Flow Procedure**	QZ+AC+SI+MF+RO+DI
Ion rejection rate	≥98%
Output(25°C)****	500 L/hr
DimensionLxWxH	1310x550x1750 mm
Weight	300 kg
Power Consumption (W)	5000 W
Power Supply	AC380 V, 50 Hz
Note	-
Deionized water quality	
Resistivity	≥10MΩ.cm
Ultrapure Water Quality	
Flow rate	-

BCPS-602 LARGE CAPACITY WATER PURIFICATION SYSTEM



Automatic microcomputer controlling system, LED real-time animation mode display.

Running status is showed in the LED, such as flushing, producing water, full tank, water shortage, leakage and service.

Power on self test, power reset, alarm when work more than 6 hours continuously, water shortage, leakage, low pressure

and high pressure.

3 procedure of the reverse osmosis membrane's self-flushing: power on, water shortage reset and work more than 2 hours

continuously, extend the life of RO membrane.

Bench top and floor stand(except for 45 series and built-in tank type), 2 kind installation method

High-strength shell with powder painting technics, achieve elegant appearance and meeting GLP standard

Pretreatment cartridges, RO module, deionized cartridges, all designed to modularization independently. Easy to

maintenance and replacement.

Built-in 12 liters pressure tank (IT series), save lab space and easy to maintain.

Different external tanks (optional) to meet every need and assure ample water-supply.

Pipeline and fast-plug adaptor with NSF authorization, assure high quality ultrapure water.

DOW's RO membrane, ensure stable operation and high desalinization rate.

Precision polishing mixed resin cartridge, combine high pure water quality and low running cost.

Portable TDS/conductivity test pen, testing feed water, RO water and deionized water's quality.

SPECIFICATIONS

Model	BCPS-602
Feed Water Requirements*	
Water Inlet	Tap water or ground water
Flow Procedure**	QZ+AC+SI+MF+RO
Ion rejection rate	≥98%
Output(25°C)****	500 L/hr
DimensionLxWxH	1310x550x1750 mm
Weight	300 kg
Power Consumption (W)	5000 W
Power Supply	AC380 V, 50 Hz
Note	-
Deionized water quality	
Particle(>0.2μm)	Particle (>0.2μm)<1/ml (with terminal filter)

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