ULTRAPURE WATER PURIFICATION SYSTEM

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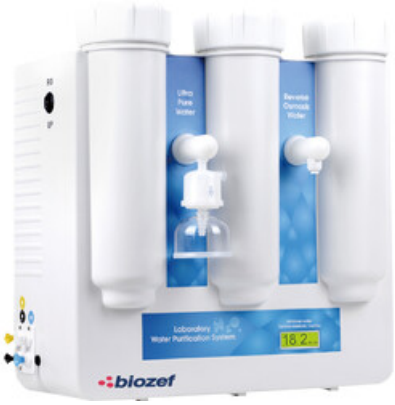
ULTRAPURE WATER PURIFICATION SYSTEM

Ultrapure water system is sub-economic choice for high grade experiments. This level of purification is required for advanced analytical techniques, such as HPLC, and is commonly used for semi-conductor manufacturing.

WPS61 ULTRAPURE 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	WPS61-002D	WPS61-002DUF	WPS61-002DUV	WPS61-002DUVF
Feed Water Requirements*				
Water Inlet	RO water, Distilled water, Deionized water			
Temperature	5-45°C			
Pressure	1atm*			
Flow Procedure**	AC+DI+TF	AC+DI+UF+TF	UV+AC+DI+TF	UV+AC+DI+UF+TF

Ion rejection rate	-		-	-
Organic rejection rate	-		-	-
Particles and bacteria rejection rate	-		-	-
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			
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor			
DimensionLxWxH	410x220x420 mm			
Weight	20 kg			
Standard configuration	Main body (Including 1 set of cartridges)+ accessory bag			
Power Consumption (W)	72 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.			
Deionized water quality				
Resistivity	>5 MΩ.cm			
Particle(>0.2μm)	<1/ml			
Ultrapure Water Quality				
TOC***	<10 ppb		<3 ppb	
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
Resistivity(25°C)	-	-	-	-
Heavy Metal Ion	-	-	-	-
Flow rate	-	-	-	-

Model	WPS61-002R	WPS61-002UF	WPS61-002UV	WPS61-002UVF
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	1.0-4.0Kgf/cm²	1.0-4.0 Kgf/cm²	
Flow Procedure**	PF+AC+RO+DI+TF	PF+AC+RO+DI+UF+TF	PF+AC+RO+UV+DI+TF	PF+AC+RO+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)****	15 L/hrs			
Pure water outlet	RO water and Ultrapure water			
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor			
DimensionLxWxH	410x220x420 mm			
Weight	20 kg			
Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ TDS pen +accessory bag			

Power Consumption (W)	48 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	-	-	-	-
Particle(>0.2μm)	<1/ml			
Ultrapure Water Quality				
TOC***	<10 ppb		<3 ppb	
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
Resistivity(25°C)	18.2 MΩ.cm			
Heavy Metal Ion	-	-	-	-
Flow rate	2.0 L/min (with pressure tank)			


WPS61-002D


WPS61-002DUF


WPS61-002DUV


WPS61-002DUVF

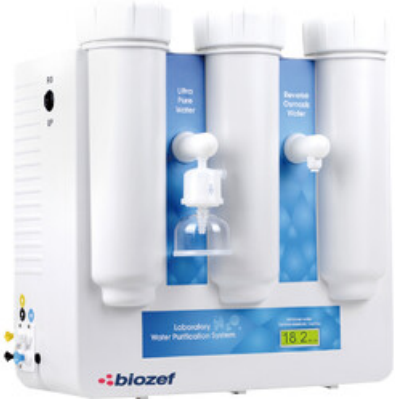

WPS61-002R


WPS61-002UF


WPS61-002UV


WPS61-002UVF

WPS61-030R STANDARD ULTRAPURE WATER SYSTEM



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.

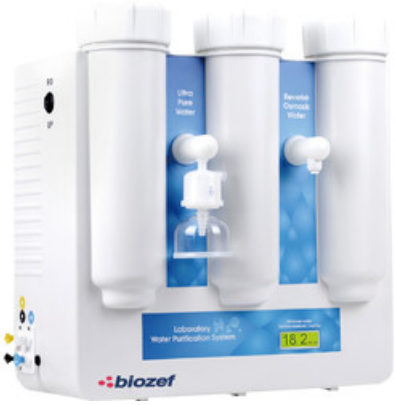
The system requires no special installation,connect the system to your tap water supply it´s ready to use.

SPECIFICATIONS

Model	WPS61-030R
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/cm^2
Flow Procedure**	PF+AC+RO+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)****	30 L/hrs
Pure water outlet	RO water and Ultrapure water
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor
DimensionLxWxH	410x220x420 mm
Weight	20 kg
Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ TDS pen +accessory bag
Power Consumption (W)	72 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	
Particle(>0.2μm)	<1/ml
Ultrapure Water Quality	
Resistivity(25°C)	18.2 MΩ.cm
Heavy Metal Ion	-

TOC***	<10 ppb
Heavy metal ion	<0.1 ppb
Flow rate	2.0 L/min (with pressure tank)

WPS61-030UF ELIMINATING ENDOTOXIN ULTRAPURE WATER SYSTEM



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.

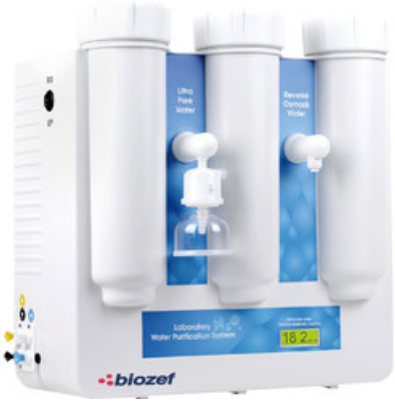
The system requires no special installation,connect the system to your tap water supply it's ready to use.

SPECIFICATIONS

Model	WPS61-030UF
Feed Water Requirements*	
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200 ppm)
Temperature	5-45°C
Pressure	1.0-4.0Kgf/cm²
Flow Procedure**	PF+AC+RO+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)****	30 L/hrs
Pure water outlet	RO water and Ultrapure water
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor
DimensionLxWxH	410x220x420 mm
Weight	20 kg
Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ TDS pen +accessory bag
Power Consumption (W)	72 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	
Resistivity(25°C)	18.2 MΩ.cm
TOC***	<10 ppb
Endotoxin	<0.001 EU/ml
Rnases	<0.01 ng/ml
Dnases	<4pg/μl
Heavy metal ion	<0.1 ppb
Flow rate	2.0 L/min (with pressure tank)

WPS61 ULTRAPURE 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.

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.

SPECIFICATIONS

Model	WPS61-030UV	WPS61-030UVF
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/cm^2	
Flow Procedure**	PF+AC+RO+UV+DI+TF	PF+AC+RO+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)****	30 L/hrs	
Pure water outlet	RO water and Ultrapure water	
Water Quality Monitor	Portable TDS/conductivity test pen + on-line resistivity monitor	
DimensionLxWxH	410x220x420 mm	
Weight	20 kg	
Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ TDS pen +accessory bag	
Power Consumption (W)	72 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		
Resistivity(25°C)	18.2 MΩ.cm	
TOC***	<3 ppb	
Heavy metal ion	<0.1 ppb	
Flow rate	2.0 L/min (with pressure tank)	
Endotoxin	-	<0.001 EU/ml
Rnases	-	<0.01 ng/ml
Dnases	-	<4pg/μl


WPS61-030UV


WPS61-030UVF

WPS62 ULTRAPURE 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	WPS62-045	WPS62-045RO	WPS62-045RO1	WPS62-063
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/cm^2			
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	WPS62-063UF	WPS62-063UF1	WPS62-094	WPS62-094UV
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	WPS62-094UV1	WPS62-125	WPS62-125UVF	WPS62-125UVF1
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/cm^2			
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)	-	-	-	-

WPS62-045

WPS62-045RO

WPS62-045RO1

WPS62-063

WPS62-063UF

WPS62-063UF1

WPS62-094

WPS62-094UV

WPS62-094UV1

WPS62-125

WPS62-125UVF

WPS62-125UVF1

WPS62 ULTRAPURE 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	WPS62-045RO2	WPS62-063UF2	WPS62-094UV2	WPS62-125UVF2
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	-			

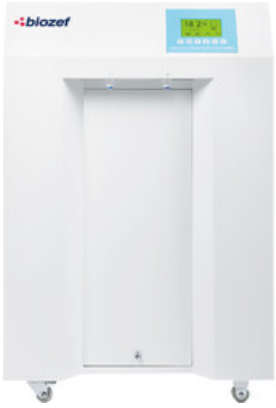

WPS62-045RO2


WPS62-063UF2


WPS62-094UV2


WPS62-125UVF2

WPS63-250 MEDIUM ULTRAPURE WATER 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.

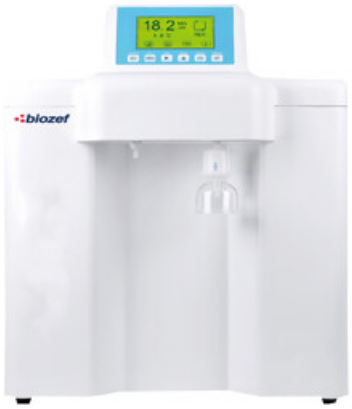
(0.45+0.1)μm double layer PES terminal disinfection filter, assure the quality absolutely axenic.

SPECIFICATIONS

Model	WPS63-250
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/cm^2
Flow Procedure**	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%
Bacteria	<0.1 cfu/ml (with terminal filter)
Output(25°C)****	250 L/hr
Pure water outlet	RO, Deionized and Ultrapure water

Water Quality Monitor	-
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.
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

WPS64 ULTRAPURE 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.

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.

SPECIFICATIONS

Model	WPS64-002D	WPS64-015	WPS64-015UF	WPS64-015UV
Feed Water Requirements*				
Water Inlet	RO water, Distilled water, Deionized water	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 atm*	1.0-4.0 Kgf/cm²		
Flow Procedure**	AC+DI+TF	PF+KDF+AC+RO+DI+TF	PF+KDF+AC+RO+DI+UF+TF	PF+KDF+AC+RO+UV+DI+TF
Bacteria	<0.1 cfu/ml			

Output(25°C)****	Utmost up to 2.0 L/min (less output with UF cartridge)	15 L/hr		
Pure water outlet	Deionized water and Ultrapure water	RO water and Ultrapure water		
DimensionLxWxH	500x360x540 mm			
Weight	20 kg	25 kg		
Standard configuration	Main body (Including 1 set of cartridges)+ accessory bag	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. ** 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. **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.		
Deionized water quality				
Resistivity	>5 MΩ.cm	-	-	-
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			
Flow rate	-	2.0 L/min (with pressure tank)		
Endotoxin	-	-	<0.001 EU/ml	-
Rnases	-	-	<0.01 ng/ml	-
Dnases	-	-	<4pg/μl	-
Ion rejection rate	-	96%-99% (New RO membrane)		
Organic rejection rate	-	>99%, when MW>200 Dalton		
Particles and bacteria rejection rate	-	>99%		
Water Quality Monitor	-	-		

Model	WPS64-015UVF	WPS64-02DUF	WPS64-02DUV	WPS64-02DUVF
Feed Water Requirements*				
Water Inlet	Tap water: TDS<200 ppm (Extra pretreatment filter is recommended, if TDS>200 ppm)	RO water, Distilled water, Deionized water		
Temperature	5-45°C			
Pressure	1.0-4.0 Kgf/cm^2	1 atm*		
Flow Procedure**	PF+KDF+AC+RO+UV+DI+UF+TF	AC+DI+UF+TF	UV+AC+DI+TF	UV+AC+DI+UF+TF
Bacteria	<0.1 cfu/ml			
Output(25°C)****	15 L/hr	Utmost up to 2.0 L/min (less output with UF cartridge)		
Pure water outlet	RO water and Ultrapure water	Deionized water and Ultrapure water		
DimensionLxWxH	500x360x540 mm			
Weight	25 kg	20 kg		
Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ accessory bag	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. **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.	*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.		
Deionized water quality				
Resistivity	-	>5 MΩ.cm		
Ultrapure Water Quality				
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			
Flow rate	2.0 L/min (with pressure tank)	-	-	-
Endotoxin	<0.001 EU/ml		-	<0.001 EU/ml
Rnases	<0.01 ng/ml		-	<0.01 ng/ml
Dnases	<4pg/μl		-	<4pg/μl
Ion rejection rate	96%-99% (New RO membrane)	-	-	-
Organic rejection rate	>99%, when MW>200 Dalton	-	-	-
Particles and bacteria rejection rate	>99%	-	-	-
Water Quality Monitor	-			


WPS64-002D


WPS64-015


WPS64-015UF


WPS64-015UV

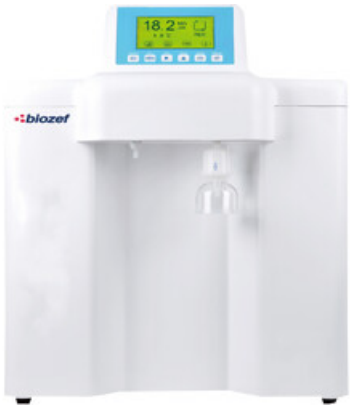

WPS64-015UVF


WPS64-02DUF


WPS64-02DUV


WPS64-02DUVF

WPS64 ULTRAPURE 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	WPS64-030	WPS64-030UF	WPS64-030UV	WPS64-030UVF
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+KDF+AC+RO+DI+TF	PF+KDF+AC+RO+DI+UF+TF	PF+KDF+AC+RO+UV+DI+TF	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 bacteria rejection rate	>99%			

Bacteria	<0.1 cfu/ml			
Output(25°C)****	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.			
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			
Flow rate	2.0 L/min (with pressure tank)			
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	-			

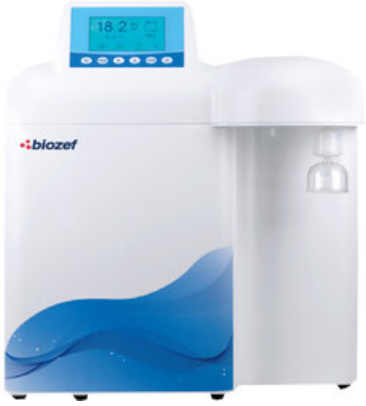

WPS64-030


WPS64-030UF


WPS64-030UV


WPS64-030UVF

WPS65 ULTRAPURE WATER PURIFICATION SYSTEM



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'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.

SPECIFICATIONS

Model	WPS65-012	WPS65-012F	WPS65-012FV	WPS65-012V
Feed Water Requirements*				
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		-
Rnases	-	<0.01 ng/ml		-
Dnases	-	<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*			
Resistivity of High Pure Water	-	-	-	-

Model	WPS65-024D	WPS65-024DF	WPS65-024DFV	WPS65-024DV
Feed Water Requirements*				

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			
Flow rate (with pressure tank)	-	-		
Resistivity (25°C)	18.2 MΩ.cm			
TOC*	10 ppb		3 ppb	
Particle (>0.1μm)	-	-	-	-
Conductivity of 2 stage RO water	-	-	-	-
Resistivity of High Pure Water	>10 MΩ.cm			


WPS65-012


WPS65-012F


WPS65-012FV


WPS65-012V

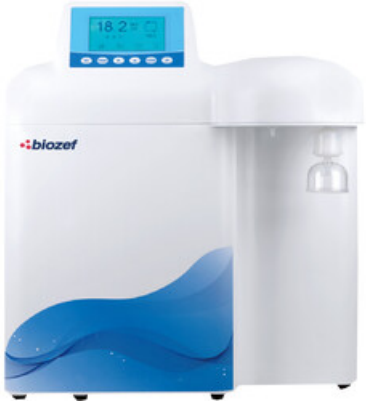

WPS65-024D


WPS65-024DF


WPS65-024DFV


WPS65-024DV

WPS65-024 STANDARD ULTRAPURE WATER SYSTEM



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

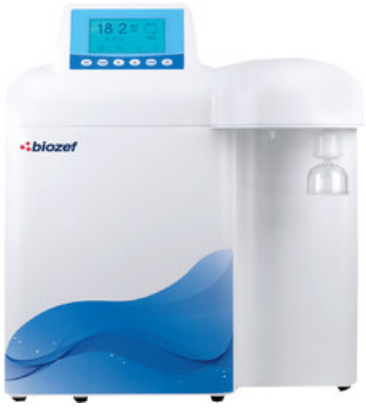
For ease-of-use,the main purification technologies are contained in an innovative all-in-one pack that mean you can change it in just a couple of minutes.

The system requires no special installation,connect the system to your tap water supply it's ready to use.

SPECIFICATIONS

Model	WPS65-024
Feed Water Requirements*	
Water Inlet	Tap water
Temperature	5-45°C
Pressure	1.0-4.0 Kgf/cm^2
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
Feed Water Requirements	
Output	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
Particle (>0.1μm)	<1/ml
Conductivity of 2 stage RO water	1-5μs/cm*

WPS65 ULTRAPURE 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	WPS65-024F	WPS65-024FV	WPS65-024V
Feed Water Requirements*			
Water Inlet	Tap water		
Temperature	5-45°C		
Pressure	1.0-4.0 Kgf/cm^2		
Bacteria	<0.1 cfu/ml		
DimensionLxWxH	545x470x610 mm		

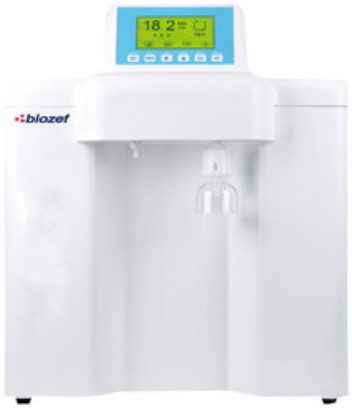
Weight	20 kg	
Power Consumption (W)	240 W	
Power Supply	AC110-220 V, 50/60 Hz	
Note	*The quality of output water accords with the quality of inlet water.	
Ultrapure Water Quality		
Heavy Metal Ion	<0.1 ppb	
Endotoxin	<0.001 EU/ml	-
Rnases	<0.01 ng/ml	-
Dnases	<4pg/μl	-
Feed Water Requirements		
Output	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*	


WPS65-024F


WPS65-024FV


WPS65-024V

WPS66 ULTRAPURE 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.

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.

SPECIFICATIONS

Model	WPS66-010EDI	WPS66-010UF	WPS66-010UV	WPS66-010UVF
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>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	-	<0.001 EU/ml
Rnases	-	<0.01 ng/ml	-	0.01 ng/ml
Dnases	-	<4pg/μl	-	<4pg/μl
Feed Water Requirements				
Resistivity (25°C)	18.2 MΩ.cm			
TOC*	-	-		
Particle (>0.1μm)	<1/ml			
Flow procedure**	PF+KDF+AC+RO+SF+EDI+DI+TF	PF+KDF+AC+RO+SF+EDI+DI+UF+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%			
Water Quality Monitor	-			
Flow Procedure**	-	-		-


WPS66-010EDI


WPS66-010UF


WPS66-010UV


WPS66-010UVF

WPS67 ULTRAPURE WATER PURIFICATION SYSTEM

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.

SPECIFICATIONS

Model	WPS67-060	WPS67-060F	WPS67-060FV
Feed Water Requirements*			
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)	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	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%		


WPS67-060


WPS67-060F


WPS67-060FV

WPS67-060V LOW TOC ULTRAPURE WATER SYSTEM

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

SPECIFICATIONS

Model	WPS67-060V
Feed Water Requirements*	
Water Inlet	Tap water
Temperature	5-45°C
Pressure	1.0-4.0Kgf/cm^2
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
Feed Water Requirements	
Output	60 L/hrs at 25°C
Flow rate (with pressure tank)	-
Resistivity (25°C)	18.2 MΩ.cm
TOC*	3 ppb

Particle (>0.1μm)	<1/ml
Conductivity of RO water quality	< tap waterx4%

WPS67 ULTRAPURE WATER PURIFICATION SYSTEM

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.

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.

SPECIFICATIONS

Model	WPS67-090	WPS67-090F	WPS67-090FV	WPS67-090V
Feed Water Requirements*				
Water Inlet	Tap water			
Temperature	5-45°C			
Pressure	1.0-4.0 Kgf/cm²			1.0-4.0Kgf/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			
Flow rate (with pressure tank)	-	-		
Resistivity (25°C)	18.2 MΩ.cm			
TOC*	3 ppb			
Particle (>0.1μm)	<1/ml			
Conductivity of RO water quality	< tap waterx4%			


WPS67-090


WPS67-090F


WPS67-090FV


WPS67-090V

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