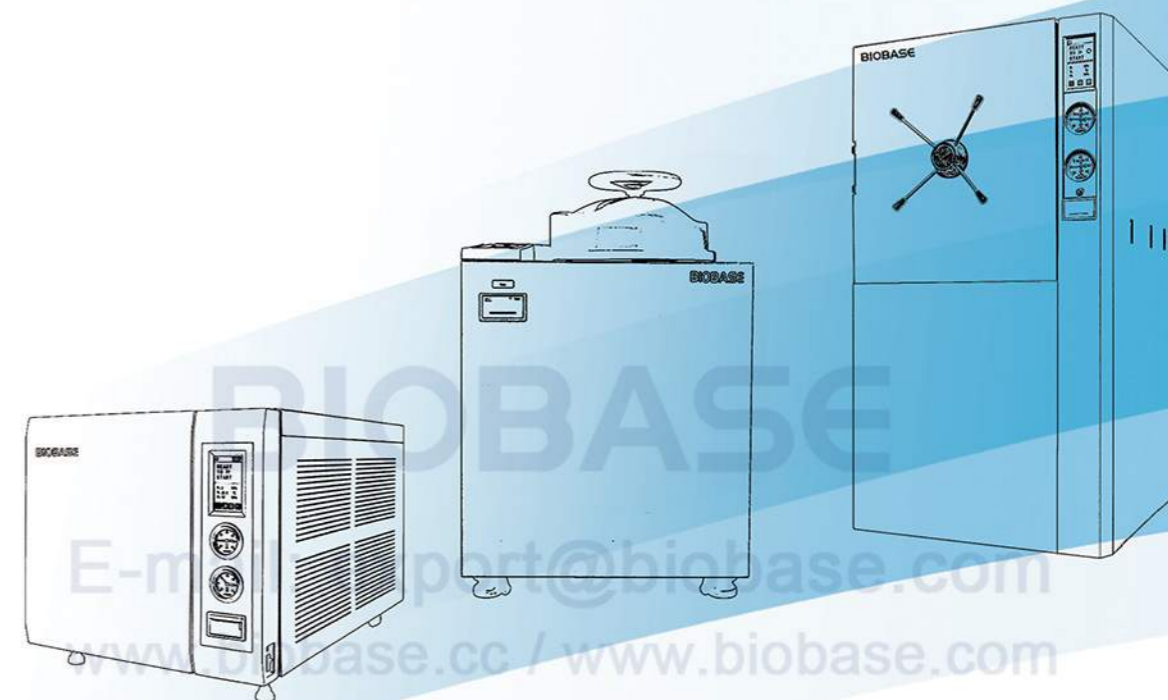


BIOBASE®

Disinfection & Sterilization Solution



BIOBASE

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 BIOBASE CHINA

 BIOBASE CHINA

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About Us

Founded in 1999, having over 6500 employees (till Feb, 2023), BIOBASE Group is a new high-tech enterprise focusing on development, production and management of scientific equipment, In Vitro Diagnosis (IVD) instrument and reagent.

BIOBASE Group is specialized in products of 8 areas including medical diagnosis, biosafety protection, disinfection and sterilization solution, water purification system, infant care products, cold chain products, software products, clean room project.

We have full production line for table top steam sterilizer, vertical pressure steam sterilizer, portable pressure steam sterilizer, horizontal pressure steam sterilizer, hot air sterilizer, gas sterilizer, glass bead sterilizer, infrared sterilizer and automatic glassware washer. And every year we have many new products that come into the market.

BIOBASE Group has certificates including ISO9001, ISO13485, ISO14001, SGS, CE, etc for various products.

BIOBASE has set up branch offices in 24 provinces in China, and has also set up warehouses in the United States, India and UAE. We now have long-term business partners in more than 190 countries.

BIOBASE Group always adheres to the mission of "service for health and the future" and promotes company's culture vigorously. Providing with high quality products and good service, BIOBASE would like to establish win-win business cooperation with distributors all over the world.

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ISO13485



ISO14001



Table Top Autoclave Class N Series



LCD Display



USB Port



Printer (Optional)



Chamber



Tray

Introduction:

BKM-K18/23N sterilizer series is an N-level sterilizer. It discharges the cold air in the sterilization chamber by gravity displacement, saturates the internal steam, and reaches the set pressure and temperature. To achieve the purpose of sterilizing the items to be sterilized. Suitable for stomatology, ophthalmology, beauty, operating room and other places. It is suitable for sterilization of glassware, bare metal utensils, and unencapsulated solid instruments.

Features:

- * High-quality material: The sterilization chamber is made of high-quality S30408 stainless steel electropolished.
- * Steam generation method: The main body is heated, no external steam source is required.
- * Operation interface: 3.5-inch capacitive color display screen is used to display pressure, temperature, time, alarm code and other information in real time, which is convenient for users to observe. When the sterilization cycle is over, a buzzer will sound.
- * Sterilization record: Standard USB interface, optional printer, record program data.
- * New storage rack: Increase the utilization space of the sterilization chamber, and the selection space for sterilization load is larger.
- * Control system: controlled by single chip microcomputer, automatic control of heating, sterilization and exhaust, without too much manual operation.
- * One-key start on the operation panel, using mechanical keys, the number of actions $\geq 100,000$ times.

Safety Protection:

Over-temperature automatic protection, heating tube anti-dry protection, safety interlock device, double over-voltage protection, over-current leakage safety protection, door detection protection.

Technical Parameters:

Model	BKM-K18N	BKM-K23N
Capacity	18L	23L
Door	Manual	
Designed Pressure	0.28Mpa	
Working Pressure	0.23Mpa	
Working Temp.	121/134°C	
Chamber Material	S30408	
Power Supply	AC220±10%, 50/60Hz (Standard); 110V, 60Hz (Optional)	
Consumption	1.8KW	
Altitude	≤2500m	
Chamber Size(φ*L)	φ250*350mm	φ250*450mm
Standard Accessories	Tray, USB port	
Optional Accessories	Printer	
External Size(W*D*H)	650*495*410mm	700*495*410mm
Package Size(W*D*H)	810*610*590mm	
Net Weight(kg)	32	36
Gross Weight(kg)	47	50

Table Top Autoclave Class B Series



Features:

- * **Built-in open type water tank**
The sterilizer adopts easy-clean open type water tank which can support repeated program running if fully injected with water.
- * **High-efficiency ultimate vacuum**
The sterilizer adopts high-efficiency low noise vacuum system which has excellent effects.
- * **Large LCD display for BKMZA/BKMZB**
The LCD screen can display temperature, pressure, time, operating status, failure warning and other information. It is convenient for customers to observe the sterilizer running status.
- * **Multiple program types**
Solid instruments, encapsulated instruments, fabrics, enhanced sterilization, B&D testing, HELIX testing, vacuum testing.
- * **Standard USB port for BKMZA/BKMZB**
Users can store the sterilization data with USB disk.
- * **Optional mini printer can be attached to record the process of sterilization.**

Technical Parameters:

Model	BKMZA (Previous name: BKM-Z18B)	BKMZB (Previous name: BKM-Z24B)
Capacity	18L	23L
Chamber Size(mm)	φ247*360	φ247*470
Sterilization Class	Class B	
Sterilization Temperature	121°C, 134°C	
Drying System	Vacuum drying system	
Display	LCD display	
Testing System	B&D Test Vacuum Test Helix Test	
Control Precision	Temperature: 1°C Pressure: 0.1bar	
Sterilization Data	BKMZA/BKMZB: USB(standard) and printer(optional)	
Safety System	Hand lock door Pressure lock system Relief valve in case of over pressure Pressure or temperature over load protection Alarm for system failure, finish reminding, water level warning	
Water Supply System	Build-in water tank easy to clean	
Water Tank Capacity	3.5L	
Water Consumption	0.16L~0.18L in one cycle	
Tray Holder	3 pcs SS trays on SS shelf	
Chamber	SUS304 Max working pressure: 2.3bar Min working pressure: -0.9bar Design temperature: 140°C	
Ambient Temp.	5~40°C	
Noise	<65dB	
Consumption	1950VA	1950VA
Power Supply	Standard: 220V±10%,50Hz/60Hz; Optional: 110V±10%,50Hz/60Hz. Wiring Method: Plug	
External Size(W*D*H)mm	495*600*410	495*700*410
Package Size(W*D*H)mm	610*810*590	610*810*590
Gross Weight(kg)	63	65

Note: It is applicable to the altitude below 3500 meters, and the parts need to be changed when the altitude is over 2700 meters.

Table Top Autoclave Class B Series



BKM-K18/23B

BKM-Z18/23B



BKM-K18/23B
Display

BKM-Z18/23B
Display



Chamber

Introduction:

The pulse vacuum autoclave extracts vacuum and fills steam into the sterilization room for many times to make the sterilization chamber reach a certain vacuum degree, and then fills saturated steam to reach the set pressure and temperature, so as to achieve the purpose of sterilization of the sterilized substance.

Application:

Widely used in damp heat sterilization of medical equipment, sanitary materials, etc.

Features:

- * Brand-new operation interface: The LCD touch screen can display real-time information such as temperature, pressure, time, operating status, fault alarm, and equipment operating curve, making the sterilization information more intuitive and clear, and it is convenient for users to observe the operating status of the equipment.
- * Multiple safety protection devices: automatic over-temperature protection device, multiple control and protection of evaporator, door safety interlock protection, double over-pressure protection device, etc.
- * Door structure: BKM-K18/23B autoclave adopts a manual door structure, BKM-Z18/23B autoclave adopts automatic door structure. It is quick and convenient to operate, and effectively protects the human body and prevents burns.
- * Vacuum system: It adopts high-efficiency vacuum system, low working noise, ultimate vacuum can reach more than -80KPa, fast pumping speed, good dryness of items, and more thorough sterilization.
- * Diversified procedures: There are fast procedures, encapsulation procedures, rubber procedures, dressing procedures, liquid procedures, liquid customization, solid customization and other procedures, as well as B&D testing, vacuum testing procedures, and appointment procedures.
- * High-efficiency air filter: 0.22μm sterilizing high-efficiency air filter, the filtration efficiency is not less than 99.5%, to ensure that the vacuum-breaking air is sterile air, and to avoid re-contamination of sterile materials.
- * Recording device: The equipment is equipped with a thermal printer and USB interface as standard, which can record the data of the entire sterilization process in real time.
- * Other functions: automatic operation of the whole process of preheating, replacement, heating, sterilization, exhaust steam, and vacuum drying.

Technical Parameters:

Model	BKM-K18B	BKM-Z18B	BKM-K23B	BKM-Z23B
Capacity	18L		23L	
Door	Manual	Automatic	Manual	Automatic
Designed Pressure	-0.1/0.3MPa			
Water tank volume	3.5L			
Working Temp.	105~134°C			
Vacuum System	High efficiency vacuum pump			
Chamber Material	S30408			
Atmospheric Pressure	76~106kpa			
Ambient Temp.	5~40°C			
Standard Accessories	USB\Printer			
Power Supply	220V, 50/60Hz (Standard); 110V,60Hz (Optional); Wiring Method: Air switch			
Consumption	3kVA			
External Size(W*D*H)mm	630*485*450		680*485*450	
Chamber Size(mm)	Φ250*350		Φ250*450	
Package Size(W*D*H)mm	810*610*590			
Gross Weight(kg)	64		65	

Table Top Autoclave Class B series

As a type of high pressure sterilizer, it takes steam as its sterilization medium which is fast, safe and economic. They are common used in medical health care institution or R&D institution to make the sterilization for wrapped or unwrapped instrument, fabric, utensils, culture medium, unsealed liquid, etc.



Features:

*** Brand-new operation interface**

The LCD touch screen can display temperature, pressure, time, operating status, error and alarm information, etc .

There are different color changes in each stage of sterilization.

It is convenient for users to observe the sterilizer running status.

More importantly, the fault alarm not only displays the fault code, but also automatically displays the reason analysis and solution.

*** Multiple safety protection devices**

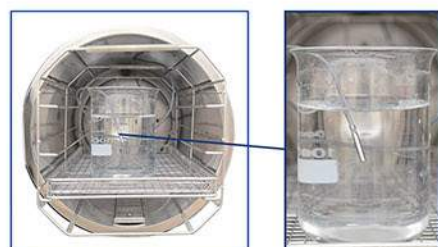
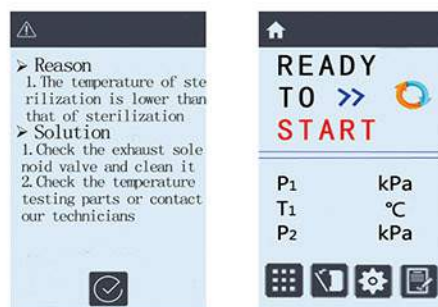
Automatic over-temperature protection device, multiple control and protection of evaporator, door safety interlock protection, double over-pressure protection device, etc.

*** Mobile temperature sensor**

The mobile temperature probe can directly detect the internal temperature of the liquid to ensure the sterilization effect of the liquid.

*** Automatic door structure**

Sterilizer adopts automatic door structure, which is fast and convenient to operate, effectively protects human body and prevents scalding.



*** Vacuuming system**

High efficiency vacuum extraction system, low working noise, over -90KPa extreme vacuum, fast extraction speed, good dryness, more complete sterilization

*** A variety of programs**

There are exposed procedures, packaging procedures, rubber procedures, dressing procedures, liquid procedures, liquid customization, solid customization, medium sterilization procedures, B&D testing, vacuum testing and media dissolution procedures.



*** Other features**

- A. Heating, sterilizing, exhausting and drying totally automatic.
- B. Chamber is heated by film heater, saving energy and time.
- C. 0.22µm high efficiency air filter, to avoid re-contamination of sterilized materials with filtration efficiency over 99.5%.
- D. Water filter in tank and chamber are quick to disassemble and easy for cleaning.
- E. Built-in stainless steel water tank, inner cycle of steam and water.
- F. Standard built-in printer.
- G. Standard USB port.

Technical Parameters:

Model	BKM-Z45B	BKM-Z60B	BKM-Z80B
Capacity	45L	60L	80L
Chamber Size(mm)	φ316*621	φ386*520	φ386*692
Design Pressure	-0.1/0.3MPa		
Sterilization Temperature	105°C~134°C		
Chamber Material	SUS304		
Ambient Temp.	5°C~40°C		
Consumption	5.8KW	6.2KW	
Power Supply	AC220V, 50Hz(Standard); AC110/220V, 60Hz(Optional); Wiring Method: Air switch		
External Size(W*D*H)mm	610*1020*610	805*940*700	805*1140*700
Package Size(W*D*H)mm	750*1200*880	960*1130*940	960*1330*940
Gross Weight(kg)	165	215	230

Note: It is applicable to the altitude below 3500 meters, and the parts need to be changed when the altitude is over 2000 meters.

Horizontal Cylindrical Pressure Autoclave



Features:

- * Brand New Operation Interface
The LCD touch screen can display temperature, time, operating status, and fault alarm in real time, making the sterilization information more intuitive and clear, and it is convenient for users to observe the operating status of the equipment.
- * Drying Function
With auxiliary drying function, it is used to dry sterilized items.
- * Protection Device
Equipped with over-temperature and over-pressure automatic protection devices.
- * Steam Generator
The equipment has a built-in high-speed steam generator, which saves time and effort without external steam source.
- * Automatic Operation of The Program
The equipment is externally connected to the water source, and there is no need for manual water replenishment. After the customer selects the program, the equipment can complete the entire process from water injection to drying without human intervention. After the program is completed, the sound prompts that the sterilization is complete.
- * Programs: Wrapped, Unwrapped, Dressing, Rubber, Drying, DIY solid

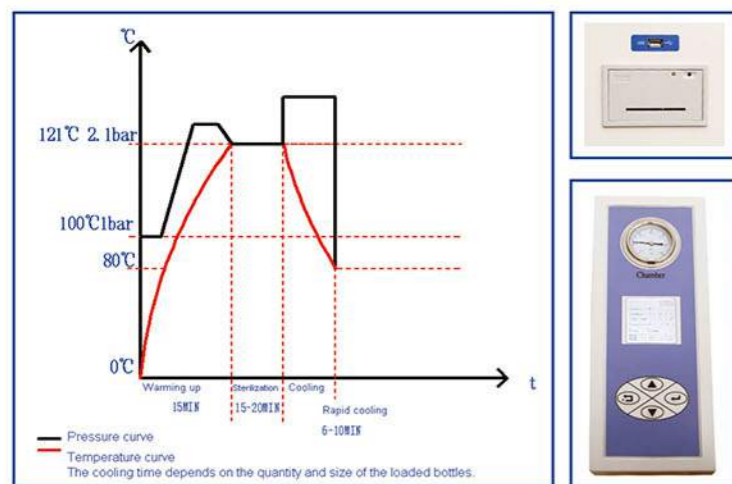
Technical Parameters:

Model	BKQ-H150	BKQ-H200	BKQ-H300	BKQ-H400
Volume	150L	200L	300L	400L
Design Pressure	0.28MPa			
Rated Operating Temperature	121°C/134°C			
Rated working pressure	0.12MPa/0.23MPa			
Chamber Material	S30408			
Power Supply	Standard: 380V 50/60Hz three phase; optional: 220V 50/60Hz three phase, 220V 50/60Hz one phase			
Rated Power	16kW			
Ambient Temperature	5-40°C			
Sterilization Time Adjustable Range	0-99min			
Adjustable Drying Time Range	0-99min			
Adjustable Drying Temperature Range	115°C-134°C			
Chamber Size (Φ * L) mm	Φ500*820	Φ500*1050	Φ650*935	Φ650*1235
Packing Size (L*D*H) mm	1370*820*1880	1600*820*1880	1650*950*1980	1950*950*1980
Gross Weight (kg)	320	355	475	535

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Vertical Autoclave

This vertical autoclave is especially designed for liquid and food sterilization in laboratory, pharmaceutical and food factory.



Features:

- * Standard built-in printer.
- * Deionized water interface for supplying steam generator.
- * F0 value display and printed.
- * Rapid water cooling system for efficient and safe sterilization of liquids.
- * With a quick maintenance window, the electrical parts can be repaired without removing the cover.
- * Microcomputer control. Fully automatic control water injection, temperature rise, sterilization, exhaust and dry.
- * LCD screen display shows pressure, temperature, time, running status, error codes and operation curve etc.
- * Mobile probe detects the internal temperature of liquid directly, to ensure the sterilization effect of liquid program.
- * The air compressor can be optional.

Technical Parameters:

Model	BKQ-B50L	BKQ-B75L
Capacity	50L	75L
Chamber Size(mm)	φ386*490	φ386*670
Chamber Material	S30408	
Designed Pressure	0.28Mpa	
Designed Temp	150°C	
Working Pressure	0.23MPa	
Working Temp.	105°C~136°C	
Temp. Display Accuracy	0.1°C	
Noise	≤65dB	
Consumption	5.5kW	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard SS Basket	1 pc	1pc
External Size(W*D*H)mm	700*610*1100	
Package Size(W*D*H)mm	800*715*1270	
Gross Weight(kg)	140	147

Vertical Pulse Vacuum Autoclave



Features:

- * Steam water internal circulation.
- * Pulse vacuum exhaust to ensure the effect of steam sterilization.
- * Mobile probe detects the internal temperature of liquid directly, to ensure the sterilization effect of liquid program.
- * LCD screen display shows pressure, temperature, time, running status, error codes and operation curve etc.
- * Selectable programs for packed, unpacked, dressings, rubber, liquid, liquid custom, solid custom, sterilization of medium, dissolution of medium, B&D testing and vacuum testing etc.
- * Complete process of preheating, replacement, pulse exhaust, heating, sterilizing and drying run automatically.
- * 0.22μm Sterilization high efficiency air filter. The filtration efficiency is higher than 99.5%, ensuring that the vacuum-depleted air is sterile air to prevent re-pollution of sterile materials.
- * Standard built-in printer for recording the information during the entire sterilization process.

Technical Parameters:

Model	BKQ-B50V	BKQ-B75V
Capacity	50L	75L
Chamber Size(mm)	φ386*490	φ386*670
Design Pressure	-0.1/0.28MPa	
Chamber Material	S30408	
Design Temperature	150°C	
Vacuum System	Eject vacuum system	
Working Temp.	105~134°C	
Consumption	5.5kW	
Power Supply	AC110/220V±10%, 50/60Hz	
Environment Temperature	5~40°C	
Standard SS Basket	1 pc	1pc
External Size(W*D*H)mm	700*610*1070	
Package Size(W*D*H)mm	820*740*1380	
Gross Weight(kg)	142	145

Note: It is applicable to the altitude below 3000 meters, and the parts need to be changed when the altitude is over 2000 meters.

Vertical Autoclave



Application Range:

There are 4 fixed programs and 1 DIY programs according to different sterilization objects such as wrapped or unwrapped instrument, rubber, dressing, etc.

Safety Features:

- * Over-temperature automatic protection device.
- * Over-pressure protection measures.
- * Door safety detection device.
- * Over-current and leakage safety protection.
- * Water shortage protection device.

Technical Features:

- * LED screen displays
- * Independent quick service window, easy for repairing and maintenance.
- * Audio and visual alarm: anti-dry burning, over-pressure protection, over-temperature protection, power safety protection.
- * Sterilization programs for wrapped or unwrapped instrument, rubber, dressing, etc.
- * Hand wheel translation type door opening, fast and labor-saving.
- * Using single-chip microcomputer control, heating, sterilization, exhaust, fully automatic control, without too much manual operation.
- * Adopt gravity displacement and positive pressure pulsation exhaust mode to discharge the load and cold air in the sterilization room.
- * The sterilization chamber and the sterilization basket are made of high-quality stainless steel SUS304, and the interior is polished.
- * Optional sterilization bucket.

Technical Parameters:

Model	BKQ-B50I	BKQ-B75I	BKQ-B100I	BKQ-B120I
Capacity	50L	75L	100L	120L
Chamber Size(mm)	φ386*515	φ386*695	φ386*875	φ386*1055
Chamber Material	S30408			
Designed Pressure	0.28Mpa			
Designed Temp	150°C			
Working Pressure	0.23MPa			
Working temp.	105~136°C			
Temp. Display accuracy	0.1°C			
Timing range	0~999min			
Dynamic Pulse Exhaust Times	0~9 times			
Dynamic Pulse Exhaust Temp.	105~134°C			
Consumption	3.7kW	3.7kW	4.1kW	4.1kW
Power Supply	AC110/220V±10%, 50/60Hz			
Standard SS Basket	1pc	2pcs	2pcs	3pcs
Basket Size(mm)	Φ365*360	Φ365*260*2pcs	Φ365*360*2pcs	Φ365*360*1pcs; Φ365*260*2pcs
External Size(W*D*H)mm	640*550*980	640*550*1080	640*550*1280	640*550*1380
Packing Size(W*D*H)mm	750*745*1100	750*745*1240	750*745*1450	750*745*1540
Gross Weight (kg)	102	115	123	135

Note: It is applicable to the altitude below 3,000m

Vertical Autoclave



Application Range:

There are 5 fixed programs and 2 DIY programs according to different sterilization objects such as dressings, equipment, tools, rubber, liquid, culture medium, waste, etc.

Safety Features:

- * Over pressure: safety valve can automatically open to release pressure.
- * Over temperature: the system will power off automatically.
- * Door sensor: Sensor at door closing position, to check the door status. If door is open, operation will stop.
- * Anti-dry out function: If water level is too low, system will power off and error code displays on screen.
- * Over current: over voltage or electric leakage protection apparatus-air switch.
- * Door cover: The door is covered with safety shell made of thermal insulation material, which can protect operator from burning by heat and looks nice.

Technical Features:

- * Water inlet filter to keep high water quality (except BKQ-B150/200II).
- * Optional printer for recording sterilization data.
- * LED screen displays all steps of full process as well as error codes.
- * Independent quick service window, easy for repairing and maintenance.
- * Automatic selecting quick or low exhaust to avoid sterilization liquid overflowing.
- * Sterilization programs for dressings, equipment, rubber, culture medium, waste, etc.
- * Hand wheel type of quick-open door structure, self-expandable sealing ring, easy operating and safe.
- * Complete process of filling water, dynamic pulse exhaust, heating, sterilizing and draining runs automatically.
- * Adopting certain temperature (98~102°C) exhaust method and dynamic pulse exhaust method to completely empty the cold air inside chamber for ensuring steam saturability.
- * Inner stainless steel water tank for water and steam to circulate inside. Steam does not exhaust during sterilization, so as to keep the outside clean and dry (except BKQ-B150/200II).
- * Drying function (except BKQ-B150/200II).
- * Optional stainless steel bucket (except BKQ-B150/200II).
- * Standard 1 pcs stainless steel tray(except BKQ-B150/200II).

Technical Parameters:

Model	BKQ-B50II	BKQ-B75II	BKQ-B100II	BKQ-B120II	BKQ-B150(II)	BKQ-B200(II)
Capacity	50L	75L	100L	120L	150L	200L
Chamber Size(mm)	φ386*514	φ386*695	φ386*875	φ386*1055	φ500*760	φ500*1000
Chamber Material	S30408					
Designed Pressure	0.28Mpa			0.217Mpa		
Designed Temp	134°C			138°C		
Working Pressure	0.23MPa			0.217MPa		
Working Temp.	105~136°C			50~134°C		
Temp. Display Accuracy	0.1°C					
Timing Range	0~999min				0~99h	
Dynamic Pulse Exhaust Times	0~9 times				/	
Dynamic Pulse Exhaust Temp.	105~136°C					
Temp. Holding Range	45~60°C (programmable)				50~100°C (programmable)	
Consumption	4.4kW	4.7kW	5.2kW	5.2kW	6kW	
Power Supply	AC110/220V±10%, 50/60Hz				380V, 50Hz/220V, 50/60Hz	
Standard SS Basket	1 pcs	2 pcs	2 pcs	3 pcs	3 pcs	4 pcs
External Size(W*D*H)mm	640*550*980	640*550*1080	640*550*1280	640*550*1380	650*650*1400	650*650*1700
Package Size(W*D*H)mm	750*745*1100	750*745*1240	750*745*1450	750*745*1540	800*760*1530	800*760*1720
Gross Weight(kg)	102	112	125	140	213	238

Note: It is applicable to the altitude below 3,000m

Biosafety Autoclave



Applications:

Biosafety autoclave is suitable for the sterilization of materials, instruments, utensils, culture media and wastes for the purpose of biosafety, in order to prevent the spread of pathogenic factors through aerosols to people, animals and plants or the environment pollution.

Programs:

Solid program, liquid program, medium program

Technical Features:

- * True color touch control panel with clear display and easy operation.
- * With waste water collection and waste gas filtration system, it can ensure the sterility of waste water and waste gas finally discharged.
- * The equipment occupies a small space and has a large cavity volume.
- * Footmaster casters, easy to move the equipment.
- * With a quick service window, electrical equipment can be serviced without removing the cover.
- * The machine has a built-in independent steam generator.
- * Self-expanding silicone sealing ring, with good sealing effect and long service life, is made of medical transparent silicone molding.
- * Using single chip control, water injection, heating, sterilization, exhaust, drying, collection, filtration, automatic control, no manual operation.
- * Built-in printer, which can print sterilization data in real time.
- * Deionized water connection for supplying the steam generator.

Technical Parameters:

Model	BKQ-B50BL	BKQ-B75BL	BKQ-B100BL	BKQ-B120BL
Capacity	50L	75L	100L	120L
Design Pressure	0.28MPa	0.28MPa	0.28MPa	0.28MPa
Rated Working Pressure	0.23MPa	0.23MPa	0.23MPa	0.23MPa
Working Temperature	134°C	134°C	134°C	134°C
Chamber Material	S304	S304	S304	S304
Chamber Size (Φ*L) mm	(Φ386±2)*(488±2)	(Φ386±2)*(668±2)	(Φ386±2)*(848±2)	(Φ386±2)*(1028±2)
Working Noise	≤65dB			
Power Supply	Standard: 220V 50Hz; optional: 110V 60Hz(internal transformer)			
Rated Power	4kW			
External Size (L*D*H)	700*610*1070	700*610*1070	700*610*1250	700*610*1430
Net Weight (kg)	118	122	130	158
Packing Size (mm)	760*670*1255	760*670*1255	760*670*1435	760*670*1615
Gross Weight (kg)	132±2	136±2	146±2	165±2

Vertical Autoclave

Application Range:

Vertical autoclave is mainly used in hospitals, laboratories, universities and other institutes where users need to sterilize temperature-resistance solid and liquid.



Safety Features:

- * Over pressure, safety valve can automatically open to release pressure.
- * Over temperature, the system will stop heating automatically and start alarm.
- * Anti dry-out function. If water level is too low, heating stops and error code displays on screen.
- * Over current, over voltage or electric leakage protection apparatus-air switch.

Technical Features:

- * Complete protection system.
- * Flip-open door structure with spring booster, easy to open.
- * LED displays inner temperature, time and error codes.
- * Automatic exhausting steam function.
- * Reliable mechanical safety interlock feature.
- * External material: Cold rolled steel with anti-bacteria powder coating.
- * Fixed sterilization programs for dressings, unwrapped and wrapped equipment, rubber, and liquid.
- * Door cover is wrapped completely, to prevent scald effectively.
- * Radial self-expanding silicone rubber seals with high effect and long using life.
- * Optional printer for recording sterilization data.
- * Optional stainless steel bucket.

Technical Parameters:

Model	BKQ-Z30I	BKQ-Z50I	BKQ-Z75I	BKQ-Z100I
Capacity	30L	50L	75L	100L
Chamber Size(mm)	φ385*412	φ385*515	φ385*715	φ385*915
Chamber Material	S30408			
Designed Pressure	0.28MPa			
Rated Working Pressure	0.23MPa			
Max Temperature	150°C			
Working Temp Range	105~136°C			
Temp. Display Accuracy	0.1°C			
Timing Range	0~999min			
Dynamic Pulse Exhaust Time	0~9times			
Water Requirement	Distilled water or demineralized water			
Standard Accessories	SS basket*1pcs, SS tray*1pcs		SS basket*2pcs, SS tray*1pcs	
Consumption	4kW			
Power Supply	AC110/220V±10%, 50/60Hz			
External Size(W*D*H)mm	645*610*710	645*610*810	645*610*945	645*610*1150
Package Size(W*D*H)mm	750*745*950	750*745*1100	750*745*1240	750*745*1450
Gross Weight(kg)	100	103	114	122

Note: It is applicable to the altitude below 3,000m

Horizontal Pulse Vacuum Autoclave



Display



Chamber



Door

Introduction:

The pulse vacuum autoclave extracts vacuum and fills steam into the sterilization room for many times to make the sterilization chamber reach a certain vacuum degree, and then fills saturated steam to reach the set pressure and temperature, so as to achieve the purpose of sterilization of the sterilized substance.

Application:

It can be widely used in department of stomatology and ophthalmology, operating room and other medical institutions. It is suitable for all wrapped or unwrapped solid instrument, A-class cavity instrument (dental hand-pieces and endoscopes), implantable instrument, dressing fabric and rubber tubes, etc.

Features:

- * Sterilization data output: standard micro printer, no need for separate external connection.
- * 7-inch color LCD touch screen, which can display information such as temperature, pressure, operating status, fault alarm, cause analysis, and solutions at the same time.
- * Strong vacuum drying system, the vacuum degree can be up to -92kpa, after drying, the residual humidity of device doesn't exceed 0.25%, the residual humidity of dressing doesn't exceed 1%.
- * The air in the chamber is sterile and avoids re-contamination.
- * Adopt quick-release side cover and top cover for easy maintenance and cleaning.
- * Micro-controller programmable control technology.
- * Full protective door cover, effectively prevent burns.
- * The equipment adopt self-expanding sealing ring. sealing performance is more reliable and stable.
- * The closing method adopts a multi-point pressing structure of the radiation rod, safe and reliable.
- * The equipment is connected to the water source without manual replenishment. After the customer chooses the program, the equipment can complete the whole process from water injection to drying without human intervention.
- * After the program is completed, the sound prompts sterilization to be completed.
- * Built-in high speed steam generator, no external steam source, save time and effort.
- * With mobile temperature sensor, can meet the special requirements of the laboratory.
- * Pressure, mechanical and electronic three-layer safety interlock device, with over-temperature protection and over-pressure protection, can eliminate all safety risks.
- * The quick release is the side cover and the top cover, which is convenient for equipment maintenance and cleaning.

Technical Parameters:

Model	BKQ-Z150H	BKQ-Z200H	BKQ-Z300H	BKQ-Z360H
Capacity	150L	200L	300L	360L
Max Designed Pressure	-0.1/0.3MPa			
Working Pressure	0.23MPa			
Working Temp.	105~134°C			
Noise	≤85dB			
Vacuum System	Water circulating vacuum pump			
Chamber Material	S30408			
Power Supply	380V/50Hz (Standard); 380V/60Hz (Optional); 220V/50Hz,220V/60Hz (3-phase, Optional)			
Consumption	20kVA			
External Size(W*D*H)mm	1190*940*1780	1400*940*1780	1570*1170*1980	1570*1170*1980
Chamber Size(mm)	φ500*780	φ500*1020	φ650*980	φ650*1130
Package Size(W*D*H)mm	1385*1110*2080	1585*1110*2080	1755*1330*2270	1755*1330*2270
Gross Weight(kg)	520	600	755	770

Large Horizontal Autoclave



New UI interface

Introduction:

The large horizontal autoclave extracts vacuum and fills steam into the sterilization room for many times to make the sterilization chamber reach a certain vacuum degree, and then fills saturated steam to reach the set pressure and temperature, so as to achieve the purpose of sterilization of the sterilized substance.

Application:

It is mainly suitable for the sterilization of items in supply rooms, dialysis rooms, biological laboratories, beauty and plastic surgery hospitals and other places.

Features:

- * Motorized double-door, automatic lift, self-expanding sealing ring, more reliable and stable sealing performance.
- * Standard thermal printer, convenient for customers to store and record sterilization data.
- * The main structure is a rectangular annular reinforcing rib structure, with low residual stress, strong bearing capacity under pulsating alternating pressure and temperature loads, and long container life.
- * Using a brand-new operation interface, programmable controller PLC and 7.0-inch color touch screen, the whole process is automatically controlled by the program, which can simultaneously display the jacket and inner chamber temperature, pressure, operating status, fault alarm and other information.
- * Equipped with an intelligent drying system, the residual humidity after drying of the equipment does not exceed 0.2%, and the residual humidity after drying of the dressing does not exceed 1%.
- * Equipped with a sterilizing high-efficiency air filter to ensure sterile air in the cavity and avoid re-contamination.

- * The equipment is connected to an external water source, so there is no need for manual water replenishment. After the customer selects the program, the equipment can complete the entire process from water injection to drying without human intervention. After the program is completed, a voice prompts the completion of sterilization.
- * The inner chamber is designed with independent steam inlet, and the steam does not pass through the jacket, which prevents the carbon steel of the jacket from contaminating the sterilized items, and prevents the jacket pressure drop from affecting the drying effect.
- * Double-door channel type, pressure, mechanical and electronic 3-layer safety interlocking device, and has over-temperature protection and over-pressure protection, which can eliminate potential safety hazards.
- * There are fabric procedures, instrument procedures, rubber procedures, solid-state DIY sterilization procedures. Auxiliary programs for drying program and water adding program. BD, leak test, PCD test test procedures.
- * Liquid procedures is optional.
- * The shell is made of 304 stainless steel, which is easy to clean.



Sterilization Trolley



Side Cover



Compressed Air Source

Technical Parameters:

Model	BKQ-Z450H	BKQ-Z650H
Capacity	450L	650L
Max Designed Pressure	Inner chamber: -0.1/0.3MPa; Jacket:0.3MPa	
Built-In Steam Generator	0.8MPa	
Designed Temp.	150°C	
Working Pressure	0.25MPa	
Max Working Temp.	134°C	
Temp. Control Precision	±0.2°C	
Vacuum system	Water circulating vacuum pump	
Chamber Material	S30408	
Power Supply	380V/50Hz	
Consumption	35kVA	56kVA
Standard Accessories	Trolley, printer	
Optional Accessories	Sheet metal side cover, air compressor	
Altitude	≤2000m; could be customized@ 2000~3000m	
External Size(W*D*H)mm	1314*1260*2000	1314*1760*2000
Chamber Size(mm)	672*672*1000	672*672*1500
Package Size(W*D*H)mm	Mian instrument: 1424*1460*2360; Trolley: 1550*1800*630	Mian instrument: 1424*1960*2295; Trolley: 2050*1800*630
Gross Weight(kg)	Mian instrument: 1220; Trolley: 150	Mian instrument: 1440; Trolley: 170

Portable Autoclave



Dual-use Type

Anti-dry Type

Timing Control Type

Range of Application:

It's desk-top autoclave sterilizer which is designed for the hospital, clinic, lab, etc. It's mostly suitable for sterilizing of surgical, dental instruments, glassware, culture medium and biological dressing, food and goods, etc.

Features:

- * Easy to operate, safe and reliable.
- * Self-expanding sealing ring has good sealing performance and can effectively prevent steam leakage.
- * Over-temperature and over-pressure automatic protection.
- * Immersion electric heating tube, high thermal efficiency, durable stainless steel tube.
- * Double groove pressure gauge, double temperature and pressure scale, clear indication, convenient observation and reliable performance.
- * Equipped with a water level gauge, if the water level is too low, it will automatically stop heating (anti-dry type).
- * Electric heating or liquefied petroleum gas heating (dual-use type).
- * With self-adjustment function, temperature and time can be adjusted by itself, automatically stop heating and alarm function after sterilization (timing control type).
- * Two safety valves keep double safety (timing control type).

Technical Parameters:

Model	BKM-P18III	BKM-P24III	BKM-P18II	BKM-P24II	BKM-P18I	BKM-P24I
Type	Timing control type		Anti-dry type		Dual-use Type	
Capacity	18L	24L	18L	24L	18L	24L
Chamber Size(mm)	Φ260*270	Φ260*380	Φ260*270	Φ260*380	Φ280*240	Φ280*350
Time Setting	0~99 min		NO			
Temperature Setting	105-127°C					
Consumption	2KW					
Power Supply	Standard: 220V 50Hz; Optional: 110V 60Hz (Internal transformer)					
Working Pressure	0.142MPa					
Packing Size(W*D*H)mm	400*400*670	400*400*770	400*400*670	400*400*770	400*400*430	400*400*530
Gross Weight(kg)	16.5	17.5	16.5	17.5	16	17

Hot Air Sterilizer



Applications:

It is used to sterilize items not affected by high temperature, such as glassware, porcelain, gelatin sponge, liquid paraffin, vaseline, ointment, various powders and metal surgical instruments.

Features:

- * The maximum temperature can reach 250 degrees Celsius to maintain the disinfection effect.
- * Precise temperature control design can accurately reach the set disinfecting temperature to ensure that the temperature does not drop.
- * It has an observable perspective window to observe the situation of the disinfected items at any time.
- * Timing system, hands free, more convenient to use.

Technical Parameters:

Model	BJPX-SH23	BJPX-SH55	BJPX-SH88	BJPX-SH105	BJPX-SH140	BJPX-SH200
Capacity(L)	23	55	88	105	140	200
Power(W)	600	1000	1200	1500	2000	2300
Temp. Control Way	PT100					
Temp. Control Range	RT+10--250°C					
Temp. Fluctuation	±3°C					
Temp. Uniformity	±5°C					
Timing Range	0-9999min/h					
Ambient Temp.	5-40°C					
Chamber Size(mm)	256*263*314	356*340*414	433*363*470	435*457*500	604*463*558	605*491*658
External Size(mm)	583*393*486	683*494*586	781*482*642	781*593*670	881*594*730	931*644*802
Packing Size(mm)	675*522*646	775*622*746	873*622*801	873*722*830	973*722*890	1023*722*990
Gross Weight(kg)	40	53	65	78	90	105

UV Disinfection Trolley



Caster



UV Lamp

Application:

It is mainly used for disinfection of objects surface in public places such as medical treatment, sanitation, family, kindergarten, restaurant. Also suitable for food manufacturing, factories, animal husbandry, poultry breeding industry, bacteria research units, pharmaceutical industry, etc.

Features:

- * The lamp arm can be adjusted freely within 0-180 degrees.
- * With timing function.
- * With 360°universal caster for easy to move.
- * Fully enclosed UV lamp holder, not easy to fall off.
- * The lamp can be concealed for convenient storage and better protection.



Hospital



School

Laboratory

Family



Folding Display

Technical Parameters:

Model	OLB-UDT1
Applicable Room	30m ³
Irradiance	107μw/cm ²
UV Lamp Life	1000h
Length of Lamp Arm	960mm±3
Timing Range	0-120min
UV Lamp	30W*2
UV Wavelength	253.7nm
Power Supply	AC220V, 50HZ
Package Size(W*D*H)mm	1060*220*310
Gross Weight(kg)	7

Atomizing Disinfection Robot

Introduction:

The atomizing disinfection robot is by quickly atomizing the disinfectant and automatically spraying into the disinfection area to get the air effectively purified. Using 100mg/L hypochlorous acid disinfectant, according to the amount of 5ml/m³, continue to spray evenly into the space to disinfect.



Hospital

Airport

Shopping Mall

Office

Applications:

It can be widely used in hospitals, airports, office buildings, shopping malls, schools, factories and other public places.

Features:

- * The large-capacity 16L disinfectant tank can continuously disinfect for more than 5 ~ 6 hours, and the disinfection coverage is up to 4000 ~ 5000m².
- * Support APP control, no-touch automated disinfection greatly improve the safety of use in the disinfection process.
- * Two disinfection modes: timed disinfection and immediate disinfection.
- * With autonomous navigation function, lidar obstacle avoidance, can fully cover the required area.
- * Support automatic return to charge, human assistance isn't required.
- * When the disinfectant is below the warning position, it will return to the waiting area and turn off the spray device automatically.



APP Interface

Technical Parameters:

Model	BKS-Y	
External Size(mm)	φ500*1335	
Atomization Efficiency	2L~3L/H(adjustable)	
Disinfectant Capacity	16L	
Spray Diameter	5-6m	
Disinfection Medium	Hypochlorous acid, Chlorine dioxide, Hydrogen peroxide, Peroxyacetic acid, etc.	
Spray Method	Four-direction spray, large opening spray(optional)	
Moving Way	Autonomous path planning and automatic navigation	
Moving Speed	0~1m/s	
Safety System	Lidar obstacle avoidance, power-off protection of disinfectant shortage	
Consumption	150W	
Drive Method	Differential drive	
Ability to Cross Obstacles	±10mm	
Gradeability	≤8°	
Driving Channel Width	≥700mm	
Noise	≤50dB	
Operating Time	5~6h	
Battery	Lithium battery 28AH 24V, rechargeable 10,000 times	
Charging Time	3~4h	
Power Supply	AC110/220V, 50/60Hz	
Package Size	Main Body	430*430*660mm
	Chassis	650*650*770mm
Gross Weight	Main Body	10kg
	Chassis	62kg

Ozone UV Sterilization Cabinet



Introduction:

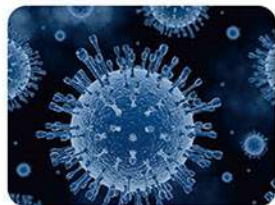
The ozone UV sterilization cabinet can sterilize the following appliances that are not resistant to high temperature: glass enamel cups, plastics, ceramics, machinery and equipment, production supplies, currency, non-woven fabrics, composite paper, packing boxes, packaging bags, appliances, cleaning appliances, mold, tableware, container, towels, work clothing, clothing, shoes, packaging materials, raw materials, solid objects. It is suitable for banks, hotels, restaurants, schools, production workshops with hygienic requirements, public places that need to be sterilized, and family rooms.



Control system

Features:

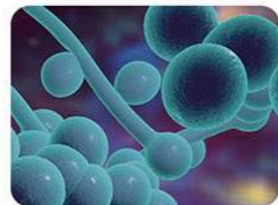
- * **Humanized design**
High quality sealing materials, adjustable shelves, multiple layers can be customized according to the requirements, easy to use.
- * **Control system**
Fully automatic control, adjustable sterilization time and shut down automatically after sterilization.
- * **Ozone sterilization**
Sterilization is more thorough, rapid, comprehensive, stable, 360-degree coverage.
- * **High temperature resistance and anti-corrosion**
304 stainless steel inner cavity, luxurious appearance, fashionable and beautiful.
- * **Low noise**
Stable operation, convenient operation, safe and reliable use, long service life, firmness and durability.



Virus



Staphylococcus Aureus



Candida Albicans

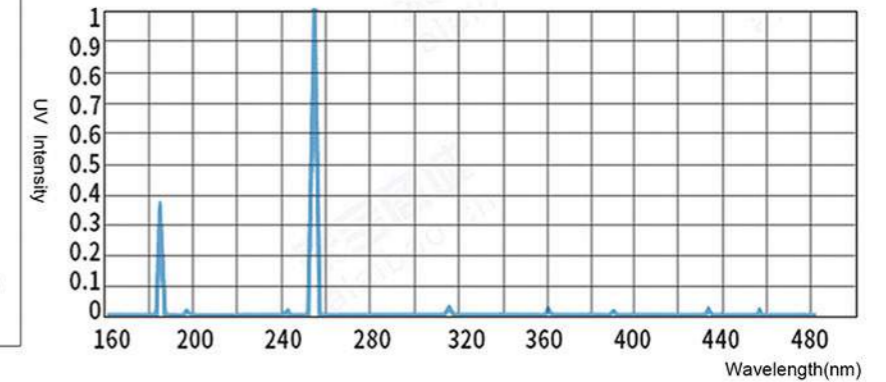
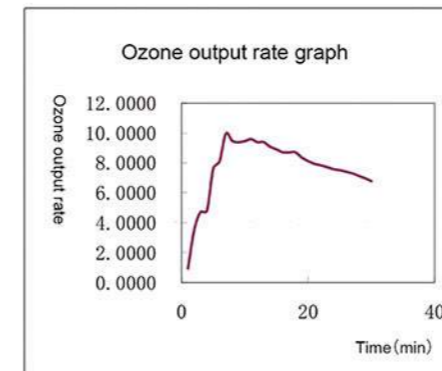


Escherichia Coli

Technical Parameters:

Sterilization Level	Medium And Low Level
Indicator Bacteria	Escherichia Coli, Staphylococcus Aureus, Candida Albicans
Index	Each point of the log kill value should be ≥3.00

Double Sterilization O₃+UV:



UV-C with ozone sterilization lamp spectral distribution

Technical Parameters:

Model	BJPX-SV060	BJPX-SV080
Capacity	70L	90L
Internal Size(W*D*H)	398*398*452mm	398*498*452mm
External Size(W*D*H)	495*501*760mm	495*601*760mm
Sterilization Method	Ozone	
Shelves	2pcs, optional 2pcs ,adjustable	
Material	Work Zone: 304 stainless steel, 1.0mm thick Main Body: Cold-rolled steel with coating	
Ozone Concentration	>60mg/m ³	
Ozone Leakage	<0.16mg/m ³	
Sterilization Level	Medium and low Level	
Indicator Bacteria	Escherichia Coli, Staphylococcus Aureus, Candida Albicans	
Index	Each point of the log kill value should be ≥3.00	
Sterilization Rate	Over 99.99%,For all kinds of bacteria, viruses, fungi	
Control System	Automatic	
Working Condition	(a) Ambient temperature range 5°C-40°C (b) Relative humidity is not more than 85% (c) Atmospheric pressure 70 Kpa-106Kpa (d) No flammable, corrosive gas or conductive dust around	
Power Supply	AC 220V 50Hz (Standard); 110V 60Hz (Optional)	
Package Size(W*D*H)	626*620*860mm	726*620*860mm
Gross Weight	50kg	55kg

Glass Bead Sterilizer



Application

GBS300 Series Glass Bead Sterilizer is ideal for the sterilization of surgical instruments (forceps, scissors, needles, etc.). When the chamber is filled with the included glass beads, high temperature (up to 300°C) can be used to eliminate the presence of bacteria, spores and other microorganisms. Without using potentially dangerous gases, flames or chemicals, it ensures that the sterilized instruments will be free of pathogens and microbial contaminants. The small footprint saves bench space, the sterilizer is safe to be used even in laminar flow hoods.

Features

- * Digital control, up to 300°C.
- * Sterilizes forceps, scissors, needles & other small surgical instruments (generally within 10~15s).
- * Safe to use: no gases, fumes, open flames or harsh liquids.
- * Stainless steel inner container, built-in highly precise temperature controller and over-temperature protection.
- * Includes one bag of glass beads.

Technical Parameters

Model	GBS300-L	GBS300-H
Temp. Range	100°C~300°C	
Temp. Accuracy	±5°C	
Display Accuracy	1°C	
Time Range	1min~99h59min/∞	
Heating Time	≤25min(RT. to 300°C)	
Power Supply	AC110/220V±10%, 50/60Hz	
Material Of Lid	Stainless steel	
Max Power	120W	250W
Chamber Volume (mm)	Φ40*80	Φ40*140
Glass Beads Capacity(g)	150	300
Dimension(W*D*H)mm	176*135*189.5	176*135*249.5
Package Size(W*D*H)mm	330*300*300	
Weight(kg)	2.5	3.3
Gross Weight(kg)	4	5

UV Air Sterilizer UV Air Sterilizer (Mobile)

Application

It is suitable for dynamic indoor air disinfection in class II, III and IV environments of hospitals, family, school, library, blood station, food and beverage factory, pharmaceutical factory, catering and other public places.

Features for BK-Y-600 and BK-Y-800

- * Display indoor temperature.
- * Timing function of UV lamp cumulative use.
- * Adopt quick disassembly filter, easy to clean and maintain.
- * Air volume status display, high/medium/low air volume adjustable.
- * Built-in high brightness, long life, ozone-free, single end H-type UV lamp.
- * The super-infrared receiving device can realize long-distance remote control and easy operation at any 45 degrees. A built-in hidden remote control is placed to prevent the remote from being lost.
- * Single chip microcomputer control, stable and reliable. Touch panel operation, convenient for man-machine interaction.
- * High quality mirror plate is used to enhance the radiation intensity of ultraviolet lamp and improve the sterilization efficiency.

Features for OLB-Y-800

- * The shell of the host machine is made of completely non-burning metal material made of modern moisture-proof process, and the face dressing layer is made of acrylic panel.
- * Adopt universal wheel design to move air disinfectant conveniently
- * Continuous dynamic disinfection can be carried out under human condition.
- * Using long life, C band (wavelength 253.7nm) ozone free ultraviolet circulating wind antibacterial disinfection;

Technical Parameters

Model	BK-Y-600	BK-Y-800	OLB-Y-800
Circulating Air	≥600m³/h	≥800m³/h	
Noise	≤55dB		
O ₃ Residue	≤0.006mg/m³	≤0.007mg/m³	
Applicable Room	≤60m³	≤80m³	
Ultraviolet Leakage	≤2μw/cm²	≤3μw/cm²	
Working Environment	Temp. Range	5°C~40°C	
	Humidity	≤80%	
	Atmosphere Pressure	80KPa~106KPa	
Consumption	≤230W	≤260W	≤195W
Power Supply	AC 220V 50Hz (Standard); 110V 60Hz (Optional)		
External Size(W*D*H)mm	540*410*900		425*300*770
Package Size(W*D*H)mm	574*481*975		518*390*930
Gross Weight(kg)	22.5	22.7	32



UV Air Sterilizer(Wall Mounted)

Application:

It is suitable for dynamic indoor air disinfection in class II, III and IV environments of hospitals, family, school, library, blood station, food and beverage factory, pharmaceutical factory, catering and other public places.



Features:

- * Large LCD display.
- * Timing function of UV lamp cumulative use.
- * Three modes of operation: Automatic, Artificial, Timing.
- * Built-in high brightness, long life, ozone - free, single end H- type UV lamp.
- * Automatic fault alarm function: UV lamp tube, motor, negative ion, plasma and O₃.
- * Within 24 hours, four periods of disinfection can be set and memory function can be provided.
- * Automatically detect and display the temperature and humidity of the disinfection space in real time.
- * Single chip microcomputer control, stable and reliable. Touch panel operation, convenient for man-machine interaction.
- * The super-infrared receiving device can realize long-distance remote control and easy operation at any 45 degrees. A built-in hidden remote control is placed to prevent the remote from being lost.
- * Adopt the structure of bottom air inlet and top air outlet. The silent fan circulates the air to prevent the cold air from blowing directly to the user.
- * High quality mirror plate is used to enhance the radiation intensity of ultraviolet lamp and improve the sterilization efficiency.
- * Automatically detect and display indoor air quality. When the air pollution index exceeds the standard, it will automatically start up and purify.

Technical Parameters:

Model	BK-B-600	BK-B-800	BK-B-1000
Circulating Air	≥600m ³ /h	≥800m ³ /h	≥1000m ³ /h
Noise	≤55dB		
O ₃ Residue	≤0.004mg/m ³	≤0.005mg/m ³	
Applicable Room	≤60m ³	≤80m ³	≤100m ³
Ultraviolet Leakage	≤3μw/cm ²	≤3μw/cm ²	≤2μw/cm ²
Working Environment	Temp.Range	5°C~40°C	
	Humidity	≤80%	
	Atmosphere Pressure	80KPa~106KPa	
Consumption	≤200W	≤260W	≤340W
Power Supply	AC 220V 50Hz(Standard); 110V 60Hz(Optional)		
External Size(W*D*H)mm	1000*410*180	1000*410*200	1050*450*185
Package Size(W*D*H)mm	1085*290*495		1140*290*540
Gross Weight(kg)	28.5	29.5	34.7

UV Air Sterilizer(Floor Standing)

Application:

It is suitable for dynamic indoor air disinfection in class II, III and IV environments of hospitals, family, school, library, blood station, food and beverage factory, pharmaceutical factory, catering and other public places.



Features:

- * Large LCD display.
- * Timing function of UV lamp cumulative use.
- * Three modes of operation: Automatic, Artificial, Timing.
- * Built-in high brightness, long life, ozone - free, single end H- type UV lamp.
- * Single chip microcomputer control, stable and reliable. Touch panel operation, convenient for man-machine interaction.
- * The super-infrared receiving device can realize long-distance remote control and easy operation at any 45 degrees. A built-in hidden remote control is placed to prevent the remote from being lost.
- * Automatically detect and display indoor air quality. When the air pollution index exceeds the standard, it will automatically start up and purify.
- * Adopt the structure of bottom air inlet and top air outlet. The silent fan circulates the air to prevent the cold air from blowing directly to the user.
- * High quality mirror plate is used to enhance the radiation intensity of ultraviolet lamp and improve the sterilization efficiency.
- * Automatic fault alarm function: UV lamp tube, motor, negative ion, plasma and O₃.
- * Within 24 hours, four periods of disinfection can be set and memory function can be provided.
- * Automatically detect and display the temperature and humidity of the disinfection space in real time.

Technical Parameters:

Model	BK-G-1200	
Circulating Air	≥1200m ³ /h	
Noise	≤55dB	
O ₃ Residue	≤0.007mg/m ³	
Applicable Room	≤120m ³	
Ultraviolet Leakage	≤1μw/cm ²	
Working Environment	Temp.Range	5°C~40°C
	Humidity	≤80%
	Atmosphere	80KPa~106KPa
Consumption	≤400W	
Power Supply	AC220V, 50Hz (Standard); 110V, 60Hz (Optional)	
External Size(W*D*H)mm	532*330*1691	
Package Size(W*D*H)mm	620*430*1845	
Gross Weight(kg)	59.5	
Other Functions	Ozone generator: 10g/h, medium filter	

UV Air Sterilizer (Wall Mounted)



BKS-B-600



BKS-B-800



BKS-B-1000

Application:

It is suitable for dynamic indoor air disinfection in class II, III and IV environments of hospitals, such as operating room, delivery room, general protective isolation room, supply room sterile area, burn ward, ICU intensive care unit, pediatric ward, injection room, emergency room, laboratory and etc. Also applicable for homes, schools, libraries, blood stations, food and beverage factories, pharmaceutical factories, sanitary products factories, electronics factories, farms, warehouses, banks, nursing homes, museums, archives, restaurants and other public places.

Features:

- * LED display, there are 20s to display the total running time after shutdown.
- * Three working modes: manual mode, temporary mode and timing mode. Timing can achieve 24h freely set three sterilization periods, and has a memory function.
- * Two kinds of wind direction control: manual and automatic. The wind angle can be adjusted manually.
- * The super-infrared receiving device can realize long-distance remote control.
- * Built-in high brightness, long life, ozone-free, single end H- type UV lamp.
- * Human and machine coexistence(When there is no ozone).

Technical Parameters:

Model	BKS-B-600	BKS-B-800	BKS-B-1000
Applicable Room	≤60m ³	≤80m ³	≤100m ³
Circulating Air	≥600m ³ /h	≥800m ³ /h	≥1000m ³ /h
Shell Material	ABS, anti-UV		
Filter	Activated carbon, filter dust particles more than 5um		
UV Lamp Life	≥5000h		
UV Radiation Intensity(Inner)	≥20000μW/cm ²		
Natural Bacteria Extinction Rate	≥90%		
Sterilization Rate of Staphylococcus Albicans	≥99.9%		
Noise	≤55dB		
Consumption	≤130W	≤160W	≤280W
Power Supply	AC220,50Hz (Standard) ; 110V,60Hz (Optional)		
Optional Function	Negative ion generator(Amount: ≥3×10 ⁷ ions/cm ³) Ozone generator(Amount: ≥10g/h)		
External Size(W*D*H)mm	885*280*220	980*330*220	1080*330*220
Package Size(W*D*H)mm	1100*280*385	1113*297*385	1220*297*385
Net Weight(kg)	7.2	8.8	11.5
Gross Weight(kg)	9.8	12.6	15.5

Plasma Air Sterilizer(Wall Mounted)

Introduction:

It consists of a plasma sterilization area and a dust accumulation area. The sterilization area contains electrons, ions, excited atoms, molecules, and active free radicals, which can effectively kill various bacteria, viruses, fungi and other pathogenic microorganisms in the air. The dust accumulation area can effectively absorb the charged dust particles passing through the sterilization area.



Application:

It is suitable for general operating room, delivery room, blood ward, burn ward, protective isolation ward, intensive care unit; disinfection supply center, intensive dialysis center; examination room, treatment room, infectious disease consultation room, etc.

Features:

- * Human and machine coexistence.
- * It can effectively remove organic gases and various odors in hospitals.
- * High sterilization efficiency and good dust accumulation effect.
- * Real-time monitoring of indoor air temperature.
- * Three gears adjustable wind speed.
- * Multiple working modes: manual, timing, temporary.
- * 6 groups program-controlled timing disinfection.
- * Automatic accumulation of working hours.
- * LCD display, far infrared remote control.

Technical Parameters:

Model	BK-B-1000-D
Circulating Air	1000m ³ /h
Applicable Room	100m ³
Plasma Generator Life	≥8000h
Plasma Concentration(ions/m ³)	8.46*10 ¹⁶ ~2.03*10 ¹⁷ m ³
Electric Field Intensity of Sterilization Area	8000V
Electric Field Intensity of Dust Accumulation Area	4000V
O ₃ Residue	≤0.02mg/m ³
Sterilization Rate of Staphylococcus Albicans	>99.9%
Average Extinction Rate of Natural Bacteria	>92%
Input Power	≤80W
Power Supply	AC 220V 50Hz (Standard);110V 60Hz(Optional)
External Size(W*D*H)	1110*420*170mm
Package Size(W*D*H)	1160*494*263mm
Gross Weight	24.5kg

Hand-Held UV Disinfection Stick

Introduction:

It can destroy the DNA or RNA structure of single-celled microorganisms such as cells, viruses, etc. Usually, 10-15 seconds of irradiation can achieve the sterilization effect, and will not damage any materials, no chemical residue.



Application:

It can be used for toilets, door handles, toothbrushes, toys, clothing, mobile phones, tableware and any type of textile and plastic surfaces.

Note:

- * Do not look at the lamp tube directly.
- * Do not disinfect the liquid, prevent the liquid from splashing into the lamp tube, do not immerse the disinfection stick in water.

Technical Parameters:

Model	BK-UVC-01Z
Consumption	1W
Lamp Tube Size	100mm
Lamp Wavelength	253.7nm (no ozone)
UV Lamp Service Life	8000h
Material	Shell: ABS; Lamp tube: quartz
Power Supply	3V, 2 AAA batteries
External Size	190*26*25mm
Net Weight	50g
Package Size	194*32*26mm
Gross Weight	60g

Ozone Air Sterilizer



Applications:

Ozone Air Sterilizer uses the strong oxidizing properties of ozone gas to make pathogenic microorganisms lose their vitality, eventually dissolve and die. Ozone disinfection has a good disinfection effect on common bacterial spores, viruses, fungi, etc., but because of its toxicity, it cannot coexist with humans and machines.

It is suitable for static disinfection of indoor air in families, schools, libraries, blood banks, nursing homes, museums, archives, restaurants, public places, etc.

Features:

- * Built-in high-concentration heat-dissipating generator, high sterilization efficiency.
- * High-brightness digital tube display is used to visually display the working status of the sterilizer.
- * The appearance is small and light, and it is made of metal material through modern moisture-proof technology, so it does not hide dirt.
- * Infrared remote control operation mode is adopted, which is convenient for users to operate and safer.

Technical Parameters:

Model	BKCY-Y-20G	BKCY-B-20G
Type	Mobile	Wall mounted
Disinfection Type	Ozone	
Ozone Generation Capacity	20g/h	
Suitable Disinfection Volume	60m ³	
Power	≤130w	
Power Supply	Standard: 220V 50Hz, optional: 220V 60Hz, 110V 50/60Hz	
External Size	198*206*485mm	
Net Weight	7.2kg	6.8kg
Packing Size	274*286*567mm	
Gross Weight	8.8kg	8.3kg

Household UV Air Sterilizer

Introduction:

BK-Y-300 inhales the air from the outside of the body into the inside of the body through the ultraviolet irradiation, so that bacteria and viruses are inactivated, and then the sterilized air is excluded from the body through the fan, so as to achieve the disinfection and sterilization of the room. High disinfection and sterilization efficiency, can kill a variety of viruses and bacteria, with negative ion generator, can remove smell dust, clean the air.

Application:

Suitable for household, medical institutions, hotels, nursing homes and other places of disinfection and sterilization.

Features:

- * Efficient release of negative ions can improve human immunity.
- * Display screen shows air volume status, air volume can be high, medium, low free choice.
- * Tactile panel, can be eliminated by one button, continuous disinfection.
- * Silent fan circulation air supply.
- * Manual, delay shutdown, automatic working mode convenient for users to operate.
- * Three-layer filter screen, effectively filter allergens, formaldehyde, bacteria and other substances in the air.

Technical Parameters:

Model	BK-Y-300
Applicable Space	≤30m ³
Circulating Air Volume	≥300m ³ /h
UV Lamp	≥5000h
UV Intensity	Average: 85μW/cm ² (at 1 meter vertical center)
UV Leakage	≤1 μW/cm ²
Ozone Leakage	≤0.01mg/m ³
Negative Ion Generation	≥5*10 ⁶ PCS/cm ³
Bacteria	White staphylococcus killing rate: >99.9% Natural bacterial extinction rate: >90%
Filter	Composite activated carbon filter
Noise	≤55dB(A)
Relative Humidity	≤ 80%
Atmospheric Pressure	800hpa~1060hpa
Input Power	≤100W
Power Supply	Standard: 220V±22V 50Hz±1Hz Optional: 220V 60Hz, 110V 50Hz, 110V 60Hz
External Size	265*265*640mm
Package Size	320*320*700mm
Net Weight	4.35kg
Gross Weight	5.73kg



Washer Disinfector (Lab Automatic Glassware Washer)



Application:

Washer Disinfector can thoroughly wash and dry items. It is suitable for cleaning and drying of sample bottles, test tubes, beakers, pipettes, triangular flasks, volumetric flasks, etc. in various laboratories such as pharmaceutical companies, scientific research institutes, environmental protection, water systems, petrochemical systems, and power systems.

Features:

- * High degree of cleanliness.
- * Adopt PLC microcomputer control technology. Standard printer and 7-inch color LCD touch screen.
- * Complete protection functions: the door cannot be opened during operation to ensure safe use; dual temperature protection of water temperature and air temperature; power failure protection function; water seal design of drainage pipeline to prevent reverse flow of sewage; installed with leak-proof detection, if liquid leakage is detected, The program is cancelled, the inlet valve is closed, and the drain pump is started.
- * Efficient drying: The in-situ drying system uses compressed hot air to enter the cleaning chamber and the interior of the utensils, which can thoroughly dry the utensils and the pipeline of the washing machine. Built-in HEPA high-efficiency filter to ensure the cleanliness of dry air. Synchronize the drying water circulation pipeline to avoid the wet pipeline contaminating the cleaning system.

Cleaning Procedure:

- * Standard procedure: meet the general contaminant blood cleaning.
- * Quick cleaning program: meet the cleaning of lightly polluted utensils.
- * Customized cleaning program: According to different cleaning needs, users can customize the combined cleaning program.
- * Drying program: Equipped with a high-performance drying system, which can quickly complete the drying and cleaning of various instruments.
- * Manual test procedure: self-check the operation status of each component of the equipment.

Cleaning Racks:



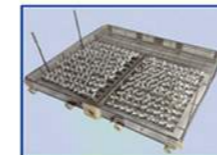
Standard Rack
(BKIR36)



Injection Rack
(BKIR60)



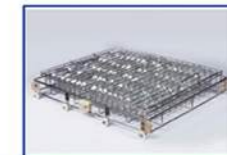
Combined Rack
(BKIR11218)



Injection Rack
(BKIR220)



Beaker Rack
(BKBR01)



Petri-dish
Rack-Upper
(BKDR9075U)

Technical Parameters:

Model	BKX-CQS-120
External Size (W*D*H)	980*740*870mm
Internal Size (W*D*H)	600*629*465mm
Noise	<50dB
Inlet Pressure	0.3~0.8Mpa
Standard Accessories	BKIR36 rack
Optional Accessories	Cleaning racks
Overall Power Consumption	6kw
Power Consumption-Water Heating	5kw
Power Consumption-Drying	3kw
Power Supply	AC110/220V±10%, 50/60Hz
Package Size (W*D*H)	1150*940*1060
Net Weight	167kg
Gross Weight	220kg

Washer Disinfector (Lab Automatic Glassware Washer)



Introduction:

The lab glassware washers integrate programmed cleaning, disinfecting and drying functions to clean all glassware stuff, for beaker, flask, pipette, petri dish, burette, measuring cylinder, test tube etc.

Features:

- * High efficient cleaning system, designed with European reliable pump, optimized spray arm and nozzles, and self-cleaning program;
- * Rapid and efficient drying system, designed with independent air heater, HEPA filter and drying process;
- * Water heating temperature can reach 99°C, while hot air drying temperature can reach 120°C;
- * Professional configuration design—stainless steel for corrosion resistance; reinforced glass window mounted to achieve a clear view on washing process;
- * PLC touch screen control with preset 12 programs and 99 customized programs
- * Safety protection—electronic security door lock to prevent unexpected door opening, water & drying air temperature dual control and equipped with emergency switch.

Standard Washing Procedure (can be self-designed by the user):

Pre-cleaning→Washing with cleaner→Rinse→Washing with neutralization→Rinse→Washing with hot water→Drying

All cleaning racks can be removed completely, convenient to washing rack pipeline:



Technical Parameters:

Model	BK-LW120	BK-LW220	BK-LW320
Capacity	120L	220L	320L
Water Consumption/Cycle	17L	20L	22L
Inlet Water Pressure	0.3~0.8Mpa		
Noise	≤50dB	≤55dB	
Material	Internal materia: SS316, Outer material: SS304		
Overall Power Consumption	6KW	6/17KW	
Power Consumption-Water Washing	0.75KW		1.5 KW
Power Consumption-Water Heating	5KW	5/15KW	
Power Consumption-Drying	3KW	3.6KW	
Power Supply	AC220V, 50Hz(Standard); 110V,60Hz(Optional)		AC220V, 50Hz; 380V, 50Hz(Standard); 110V,60Hz(Optional)
Cleaning Racks	1 pcs	2 pcs	3 pcs
Standard Cleaning Racks	BKIR36*1	BKIR36*2	BKIR36*3
Standard Accessories	USB interface		
Optional Accessories	Cleaning racks		
Washer Chamber Size(W*D*H)mm	600*629*465	600*629*690	600*629*820
External Size(W*D*H)mm	980*740*870	690*790*1820	690*790*1970
Package Size(W*D*H)mm	1060*940*1030	790*940*1990	790*940*2100
Gross Weight(kg)	203	300	320

Washer Disinfector (Medical Automatic Glassware Washer)



Standard cleaning rack



Toughened glass door



LCD display

Introduction:

Automatic medical washing disinfector provides standard and automatic cleaning and disinfection for most of medical equipments, so as to eliminate the possibility of infection in cleaning and disinfecting.

Features:

- * Two toughened glass doors, prevent cross infection.
- * Color LCD touch screen, advanced programmable control system with six standard programs.
- * High efficient cleaning system, with rotary nozzles in top, bottom and among the shelves to make sure that the spray liquid can contact the surface of devices completely.
- * High efficient drying system with HEPA filter, can clean and dry the inner of tubular things.
- * Thermal disinfection, water heating system can make sure the water temperature keep above 93°C to reach the international disinfecting efficiency level.

Standard Washing Procedure (can be self-designed by the user):

Pre-cleaning→Clean with enzymes →Rinse→Thermal disinfection→Glazing clean→Drying

Technical Parameters:

Model	BK-LW220D	BK-LW320D	BK-LW420D
Capacity	220L	320L	420L
Water Consumption/Cycle	22 L	24L	26L
Inlet Water Pressure	0.03~0.8Mpa		
Noise	<60dB		
Material	Stainless steel		
Overall Power Consumption	17KW		
Power Consumption-Water Washing	1.5KW		
Power Consumption-Water Heating	15KW		
Power Consumption-Drying	3.6KW		
Power Supply	380V, 50Hz (Standard) ; 110V,60Hz (Optional)		
Standard Cleaning Racks	4 Layers	5 Layers	
	BK01-220*1	BK01-320*1	BK01-420*1
Standard Accessories	Built-in printer,One bucket RBS A 156 leaner (1 L), One bucket RBS A 375 neutralizer (1 L)		
Optional Accessories	Trolley (BKO1)		
Washer Chamber Size(W*D*H)mm	600*629*658	600*629*820	688*700*703
External Size(W*D*H)mm	960*800*1880	960*800*2030	1110*930*2085
Package Size(W*D*H)mm	1200*1000*2200	1200*1000*2350	1300*1100*2300
Gross Weight(kg)	360	370	460