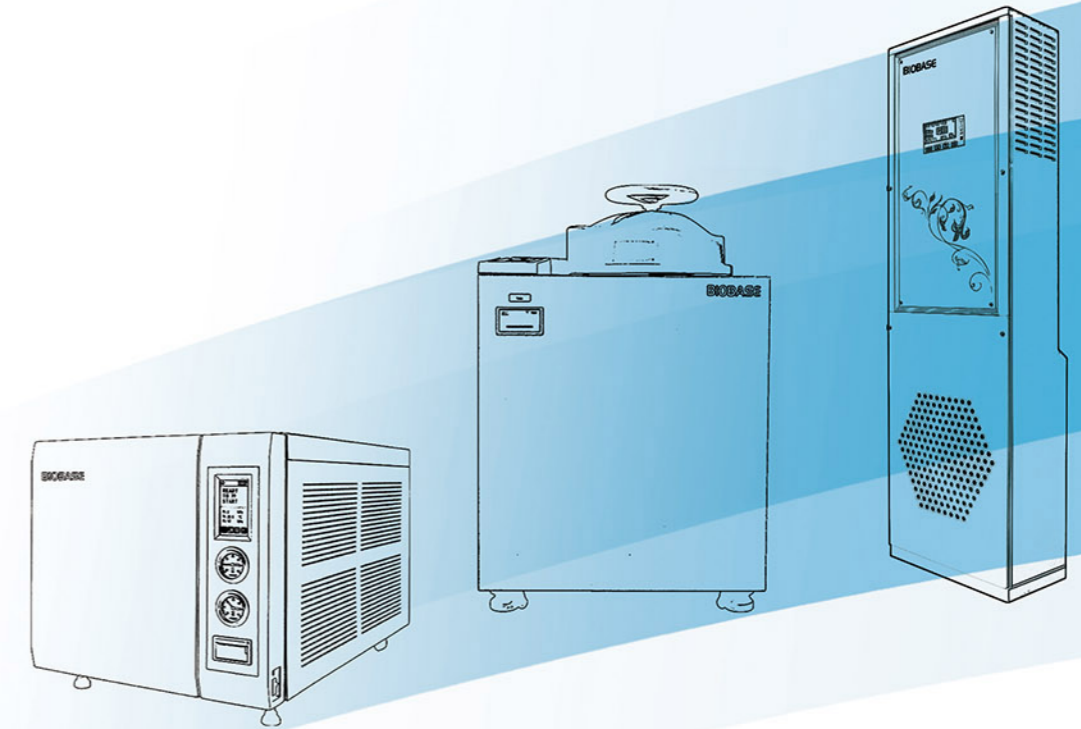


# BIOBASE®

## Disinfection & Sterilization Solution



### BIOBASE GROUP

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-  BIOBASE CHINA
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-  BIOBASE CHINA

## About Us

Founded in 1999, having over 5000 employees (till May, 2021), 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, UAE and Jordan. 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.

## Content

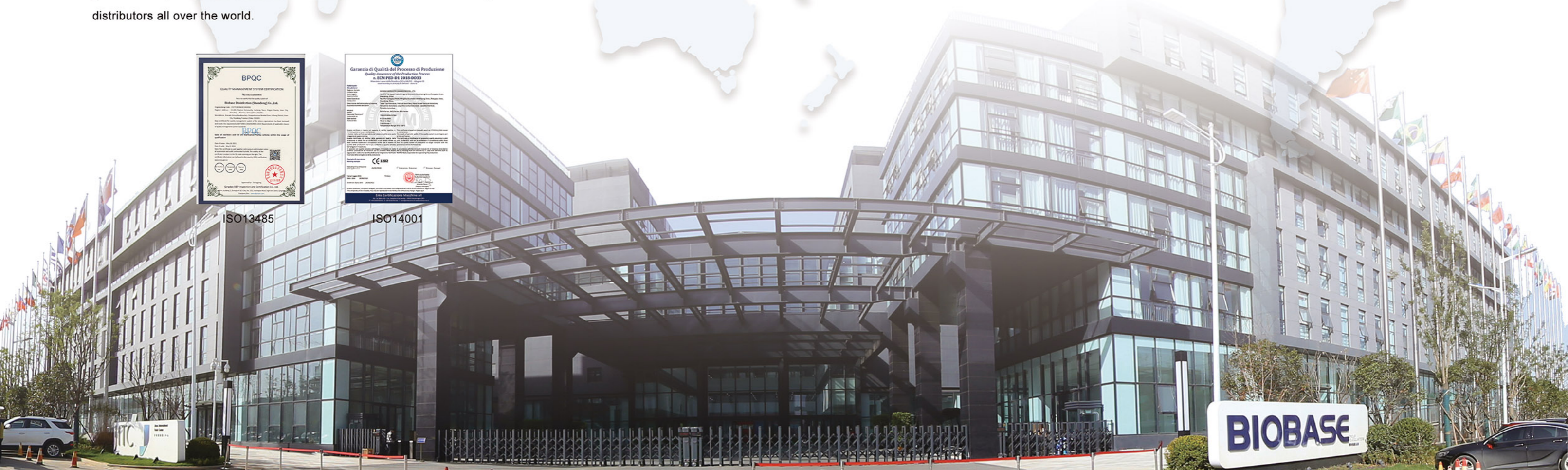
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ISO13485



ISO14001



# Autoclave

Autoclaves are for sterilizing widely used in microbiology, medicine, podiatry, tattooing, body piercing, veterinary science, mycology, dentistry, and prosthetics fabrication. They vary in size and function depending on the substance to be sterilized.

## Table Top Autoclave Class N Series



BKM-Z12N



BKM-Z18N/24N

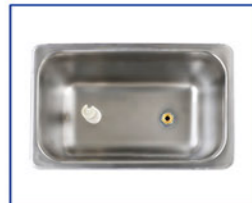
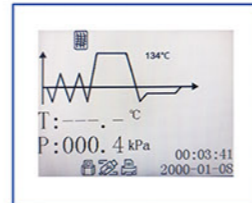
### Product Function:

- \* Adopting European N standard, thermodynamic gravity guarantees elimination of cold air from the cavity and makes sure that reaches the optimal effect of sterilization.
- \* Specially design for dental clinic field, simply and efficiently.
- \* Microprocessor control, LED display and modularized panel for easy operation.
- \* Automatic malfunction detection system makes easy maintaining.

### Technical Parameters:

Model	BKM-Z12N	BKM-Z18N	BKM-Z24N
Capacity	12L	18L	24L
Chamber Size(mm)	φ200*360	φ245*350	φ245*450
Sterilization Class	Class N (according to EN 13060 standard)		
Sterilization Temp.	121°C, 134°C		
Drying Procedure	Heat drying		
Display	LED display		
Control Precision	Temperature: 1°C		
	Pressure: 0.1bar		
Safety System	Hand lock door		
	Relief valve in case of over pressure		
	Pressure or temperature over load protection		
	Alarm for system failure, finish reminding		
Tray Holder	3 pcs SS trays on SS shelf		
Chamber	SUS304		
	Max working pressure: 2.3bar		
	Min working pressure: 1.1bar		
	Max temperature: 145°C		
Ambient Temp.	5~40°C		
Noise	<50dB		
Power	1600W for 220V, 1200W for 110V		
Power Supply	Standard: 220V±10%, 50/60Hz; Optional: 110V±10%, 50/60Hz. Wiring Method: Plug		
External Size(W*D*H)mm	560*450*400	560*450*400	670*450*400
Package Size(W*D*H)mm	650*515*470	650*515*470	760*515*470
Gross Weight(kg)	38	40.5	45.5

**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**  
The system has various programs that include packed items, unpacked items, BD testing program, vacuum testing program and drying function.  
Custom program, rapid program and preheat function (for BKM-Z16B).
- \* **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	BKM-Z16B: Printer(optional)	
	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	
Water Supply System	Alarm for system failure, finish reminding, water level warning	
	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	
Ambient Temp.	Design temperature: 140°C	
Noise	5~40°C	
Consumption	1950VA	1950VA
Power Supply	<65dB	
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 3,500m

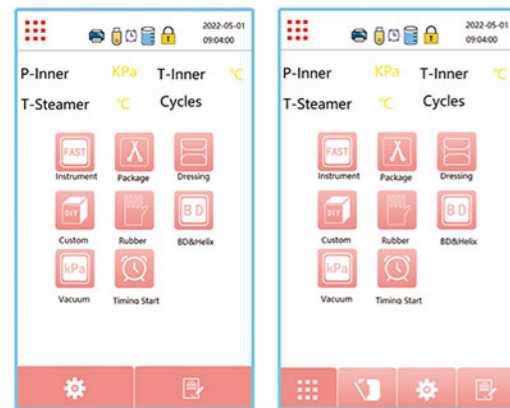
## Table Top Autoclave Class B Series



**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 could 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, customization and other procedures, as well as B&D testing and vacuum testing 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.	121/134°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*360		Φ250*450	
Package Size(W*D*H)mm	810*610*590			
Gross Weight(kg)	56		60	

## 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**

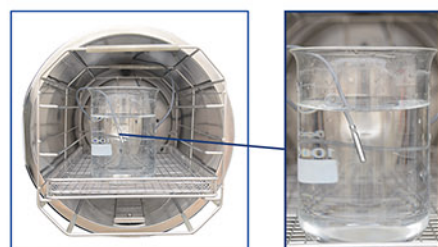
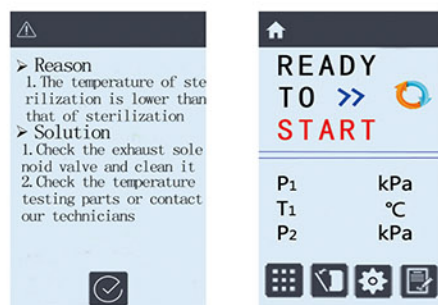
Automatic over-temperature protection device, multiple control and protection of evaporator, door safety interlock protection, double over-pressure protection device, etc.

**\* 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.

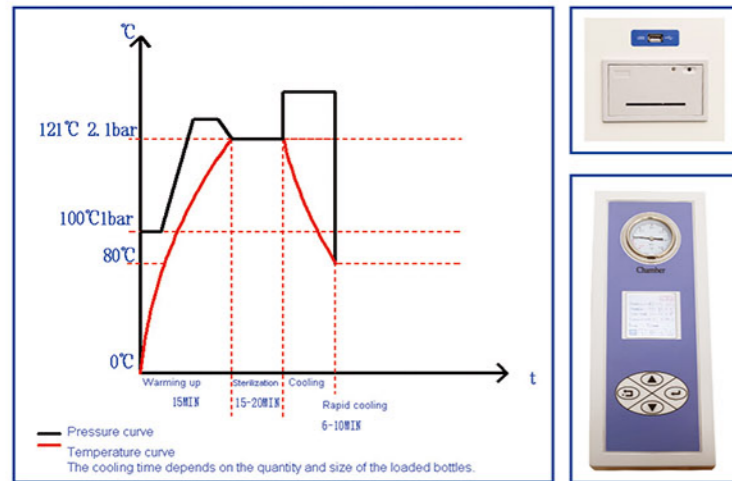
### Technical Parameters:

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.

## Vertical Autoclave

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



### Features:

- \* Standard build-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.

### 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	2pcs
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:

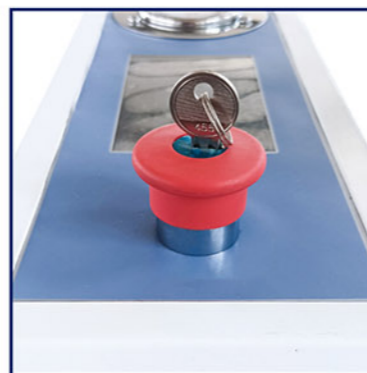
- \* Water inlet filter to keep high water quality (except BKQ-B150/200II).
- \* Optional printer for recording sterilization data.
- \* LED screen displays all steps of full process as well as error codes.
- \* Independent quick service window, easy for repairing and maintenance.
- \* Automatic selecting 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.

### 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
Internal Chamber Size(Φ*L) mm	Φ386*515	Φ386*695	Φ386*1280	Φ386*1380
Working Noise	≤65dB			
Power Supply	Standard: 220V 50Hz; optional: 110V 60Hz(internal transformer)			
Rated Power	4kW			
External Size (L*D*H) mm	700*610*1070	700*610*1070	700*610*1250	700*610*1070
Net Weight	118kg	122kg	130kg	122kg
Packing Size (L*D*H) mm	760*670*1130	760*670*1130	760*670*1310	760*670*1130
Gross Weight	134kg	138kg	146kg	138kg

## 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:

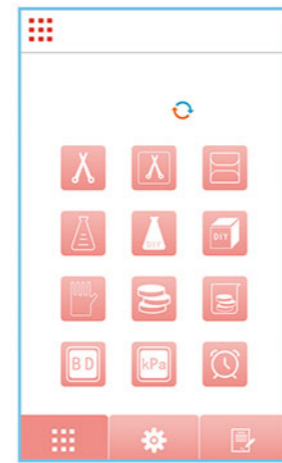
- \* Complete protection system.
- \* Flip-open door structure with spring booster, easy to open.
- \* LED displays inner temperature, time and error codes.
- \* Automatic exhausting steam function.
- \* Reliable mechanical safety interlock feature.
- \* External material: Cold rolled steel with anti-bacteria 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			
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



### 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 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.
- \* The shell is made of 304 stainless steel, which is easy to clean.

### 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	
Water Consumption(L/Cycle)	200	340
Steam Consumption(kg/Cycle)	22	36
Vacuum system	Water circulating vacuum pump	
Chamber Material	S30408	
Power Supply	380V/50Hz	
Consumption	35kVA	56kVA
Standard Accessories	Trolley, printer	
Altitude	≤2000m; could be customized@ 2000~3000m	
External Size(W*D*H)mm	1314*1260*1980	1314*1760*1980
Chamber Size(mm)	672*672*1000	672*672*1500
Package Size(W*D*H)mm	Mian instrument: 1424*1460*2295; Trolley: 1360*640*1245	Mian instrument: 1424*1460*2295; Trolley: 1860*640*1245
Gross Weight(kg)	Mian instrument: 1220; Trolley: 110	Mian instrument: 1440; Trolley: 130

## 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).

### 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	126°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



### Application:

Hot air sterilizer is used to sterilize small surgical instrument, glass, petri dishes etc. This device is suitable for medical and veterinary clinics, hospitals, pharmacies, health care centers, and laboratories.

### Features:

- \* Inner door without glass, outer door with observation window, back inlet and outlet.
- \* Intelligent microcomputer P.I.D temperature controller, accurate temperature control.
- \* Stainless steel tube circular heater.
- \* The inner box adopts circular arc structure design, and the movable partition can be pulled.

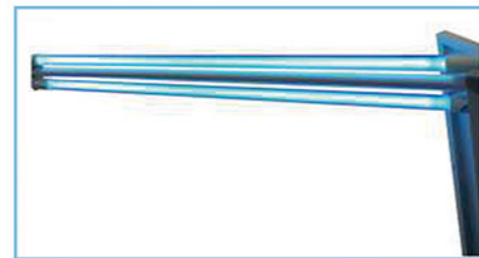
### Technical Parameters:

Model	HAS-T50I	HAS-T70I	HAS-T105I	HAS-T200I
Capacity	48L	80L	105L	180L
Temp. Range	RT+10~250°C			
Temp. Precision	0.1°C			
Temp. Fluctuation	±1°C			
Timing Range	0~9999min			
Shelves No.	2 pcs			
Consumption	1000W	1500W	1600W	2450W
Power Supply	AC220V 50Hz(Standard); 110V 60Hz(Optional)			
Internal Size(W*D*H) mm	419*332*348	450*397*450	550*348*550	602*498*602
External Size(W*D*H) mm	728*595*532	750*680*635	850*620*735	900*775*785
Package Size(W*D*H) mm	810*640*720	840*720*820	940*630*920	990*820*1020
Gross Weight(kg)	60	80	115	145

# 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

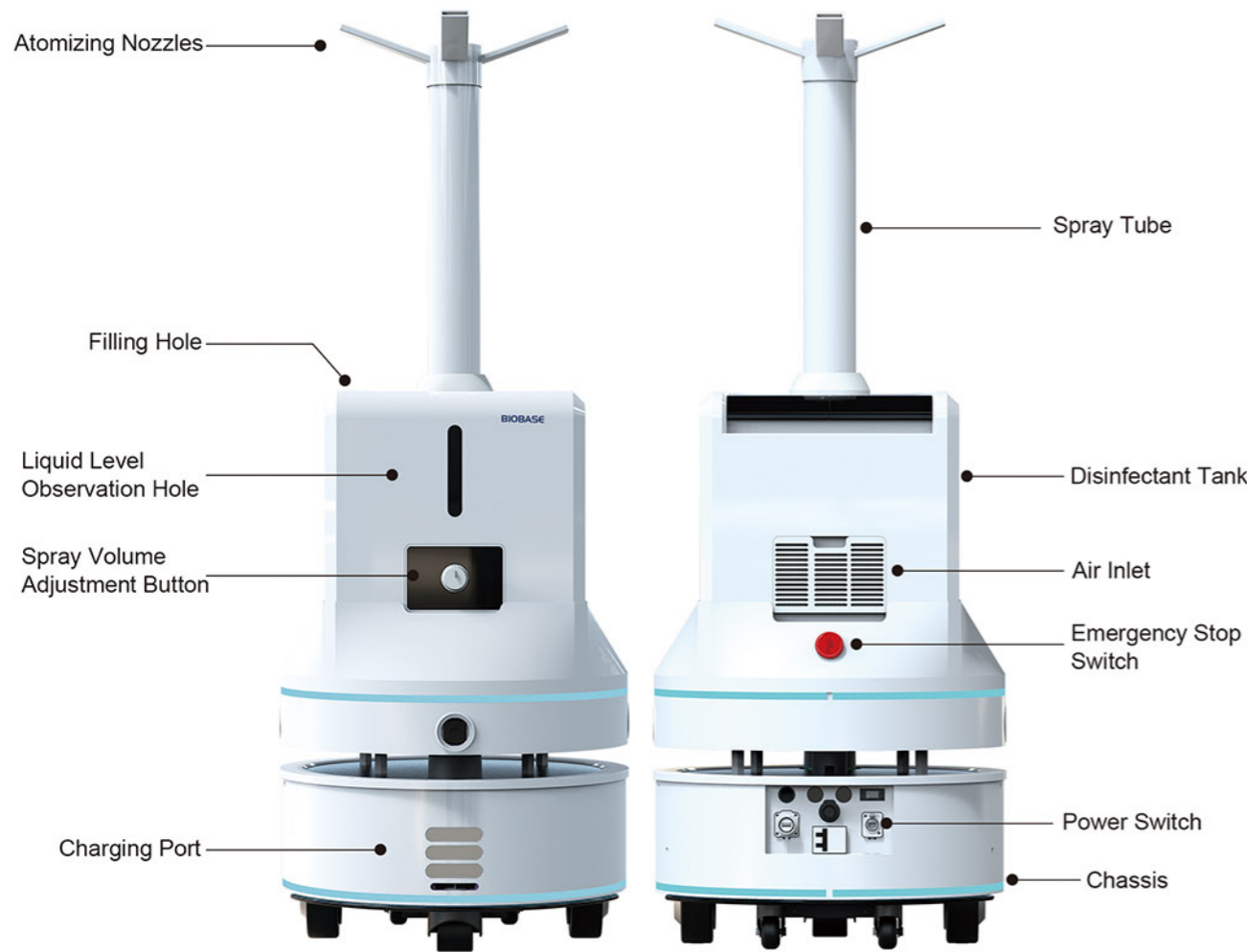
### Technical Parameters:

Model	OLB-UDT1
Applicable Room	30m <sup>3</sup>
Irradiance	107μw/cm <sup>2</sup>
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/m<sup>3</sup>, continue to spray evenly into the space to disinfect.



Hospital

Airport

Shopping Mall

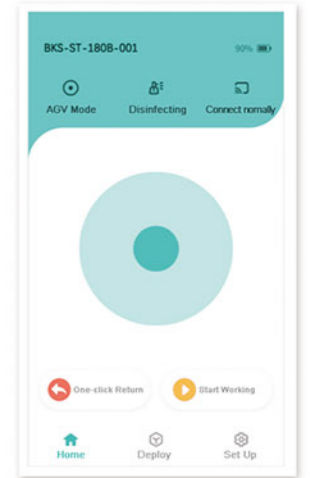
Office

## 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 ~ 5000m<sup>2</sup>.
- \* 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:

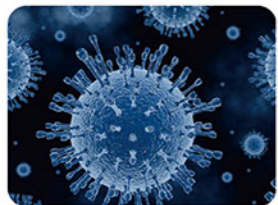
The ozone UV sterilization cabinet can sterilize the following appliances that are not resistant to high temperature: glass enamel cups, plastics, ceramics, machinery and equipment, production supplies, currency, non-woven fabrics, composite paper, packing boxes, packaging bags, appliances, cleaning 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.



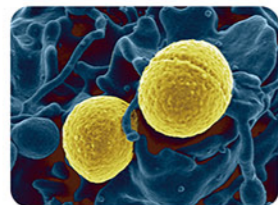
Control system

### Features:

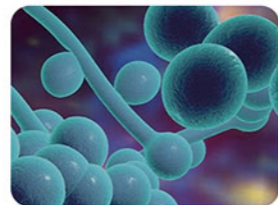
- \* **Humanized design**  
High quality sealing materials, adjustable shelves, multiple layers can be customized according to the requirements, easy to use.
- \* **Control system**  
Fully automatic control, adjustable sterilization time and shut down automatically after sterilization.
- \* **Ozone 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

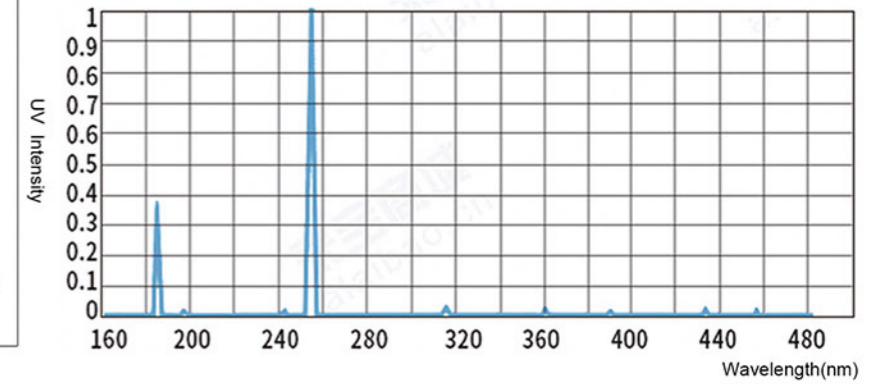
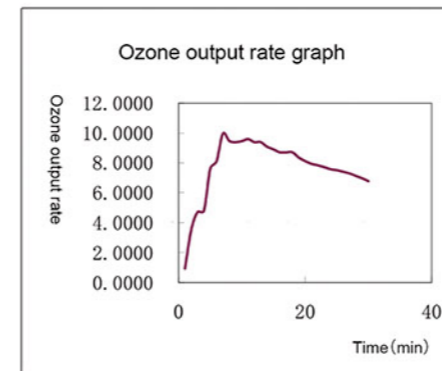


Escherichia Coli

### 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 O<sub>3</sub>+UV:



UV-C with ozone sterilization lamp spectral distribution

### Technical Parameters:

Model	BJPX-SVO60	BJPX-SVO80
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 <sup>3</sup>	
Ozone Leakage	<0.16mg/m <sup>3</sup>	
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 <sub>3</sub> 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 O<sub>3</sub>.
- \* 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 <sup>3</sup> /h	≥800m <sup>3</sup> /h	≥1000m <sup>3</sup> /h
Noise	≤55dB		
O <sub>3</sub> Residue	≤0.004mg/m <sup>3</sup>	≤0.005mg/m <sup>3</sup>	
Applicable Room	≤60m <sup>3</sup>	≤80m <sup>3</sup>	≤100m <sup>3</sup>
Ultraviolet Leakage	≤3μw/cm <sup>2</sup>	≤3μw/cm <sup>2</sup>	≤2μw/cm <sup>2</sup>
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 O<sub>3</sub>.
- \* 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 <sup>3</sup> /h	
Noise	≤55dB	
O <sub>3</sub> Residue	≤0.007mg/m <sup>3</sup>	
Applicable Room	≤120m <sup>3</sup>	
Ultraviolet Leakage	≤1μw/cm <sup>2</sup>	
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 <sup>3</sup>	≤80m <sup>3</sup>	≤100m <sup>3</sup>
Circulating Air	≥600m <sup>3</sup> /h	≥800m <sup>3</sup> /h	≥1000m <sup>3</sup> /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 <sup>2</sup>		
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 <sup>7</sup> ions/cm <sup>3</sup> ) 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 <sup>3</sup> /h
Applicable Room	100m <sup>3</sup>
Plasma Generator Life	≥8000h
Plasma Concentration(ions/m <sup>3</sup> )	8.46*10 <sup>16</sup> ~2.03*10 <sup>17</sup> m <sup>3</sup>
Electric Field Intensity of Sterilization Area	8000V
Electric Field Intensity of Dust Accumulation Area	4000V
O <sub>3</sub> Residue	≤0.02mg/m <sup>3</sup>
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

# Washer Disinfector (Lab Automatic Glassware Washer)



BK-LW120



BK-LW220/320

### 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, One bucket RBS A 156 leaner (1 L), One bucket RBS A 375 neutralizer (1 L)		
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

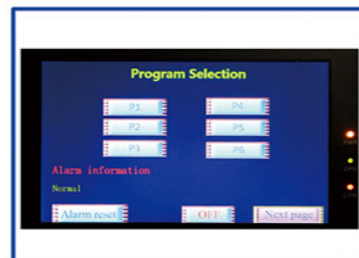
## Washer Disinfector (Medical Automatic Glassware Washer)



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 (BK01)		
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