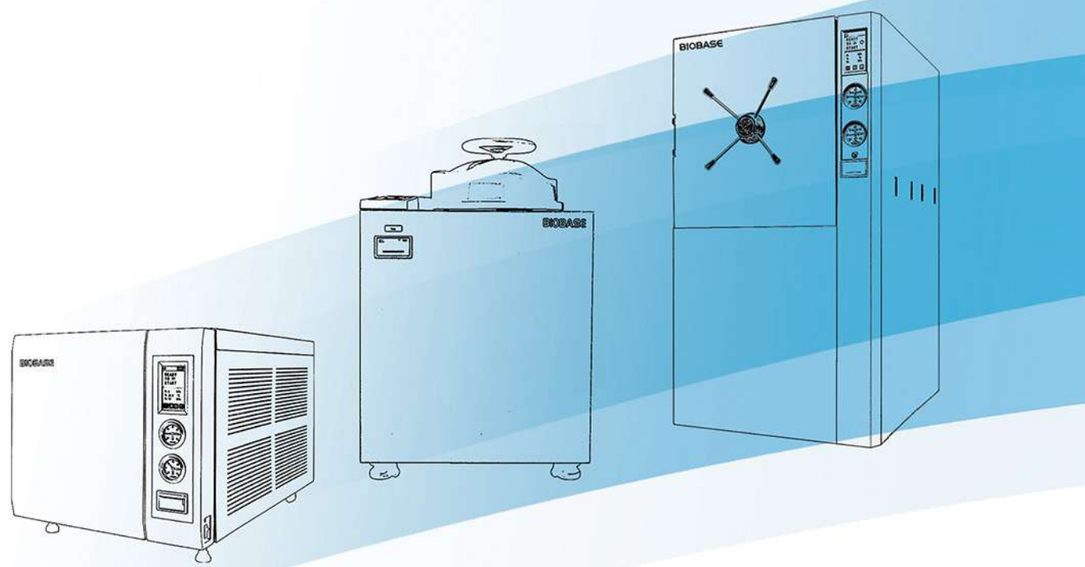
Labinox

BIOBASE®

Disinfection & Sterilization Solution



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Version 2026-2027

About Us

BIOBASE is a world-leading innovative company founded in 1999. We focus on the laboratory and medical fields and are committed to providing customers with efficient, high-quality and customized solutions.

In the field of disinfection and sterilization solution, we can provide one-stop solution for CSSD, hospitals, laboratories, etc. It include Class B autoclave, class N autoclave, horizontal autoclave, vertical autoclave, portable autoclave, hot air sterilizer, UV air sterilizer, plasma air sterilizer, ozone air sterilizer, washer disinfector, etc.

At present, BIOBASE has 25 factories. The disinfection and sterilization factory covers an area of more than 12,000 square meters, has 1 Class I medical device registration, 10 Class II registration certificates, more than 90 disinfection products, and the company has more than 60 invention patents, utility model patents, and design patents.
It has successively obtained the "Medical Device Registration Certificate of the People's Republic of China" and the "Sanitary License for Disinfection Product Production Enterprises", and passed the ISO9001, ISO13485 and other quality system certifications. In May 2023, it was elected as the "Member Unit of the Disinfection Technology and Application Professional Committee of the China Health Supervision Association" and was selected as the "Jinan Enterprise Technology Center".

In the future, we will continue to uphold the concept of "serving health and the future", meet challenges with a more open attitude, provide high-quality services with a more professional spirit, and create a better future with global partners.



ISO 9001



ISO13485



CE

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Table Top Autoclave

Class N Series



Introduction:

Class N autoclave 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 stainless steel sterilization chamber and sealing cover.
* Microcomputer control for automatic circulation, with 121°C and 134°C freely settable.
* LED display with touch buttons.
* Equipped with standard test interface.
* European Class N standards.
* Automatic protection functions: over-temperature protection; over-pressure protection; low water level protection to prevent dry burning.
* Buzzer reminder at the end of sterilization and automatic shutdown.
* Automatically discharge cold air. Automatically discharge steam at the end of sterilization.
* Built-in steam generating device to quickly provide saturated steam.
* Two sterilization procedures at 121°C and 134°C are selectable.

Technical Parameters:

Model	BKX-T18E	BKX-T23E
Capacity	18L	23L
Door	Manual	
Display	LED	
Max Designed Pressure	0.25MPa	
Working Pressure	0.22MPa	
Max Design Temp.	139℃	
Working Temp.	121/134℃	
Temp. Precision	0.1℃	
Chamber Material	SUS304	
Chamber Size	φ250*370mm	φ250*452mm
Altitude	≤2500m	
Rack	1 rack with 2 trays	
Standard Accessories	Protective gloves, draining hose, door seal	
Consumption	1.5KW	2KW
Power Supply	AC220V, 50Hz(Standard); AC110V, 60Hz(Optional)	
External Size(W*D*H)	500*400*350mm	600*400*350mm
Net Weight	24kg	27kg
Package Size(W*D*H)	540*450*390mm	640*450*390mm
Gross Weight	26kg	29kg





Stainless Steel Tray(Optional)



Chamber



Aluminum Tray(Standard)



Printer(Optional)



USB Port



LCD Display

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 ≥ 100,000 times.
* Two sterilization procedures at 121°C and 134°C are selectable.

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	
Display	3.5-inch LCD	
Max Designed Pressure	0.28Mpa	
Working Pressure	0.23Mpa	
Max Designed Temp.	150℃	
Working Temp.	121/134℃	
Temp. Precision	0.1℃	
Chamber Material	S30408	
Chamber Size	φ250*350mm	φ250*450mm
Altitude	≤2500m	
Rack	1 rack with 3 trays	
Standard Accessories	Aluminum Tray, USB port	
Optional Accessories	Stainless Steel Tray, printer	
Consumption	1.6KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)	
External Size(W*D*H)	650*495*410mm	700*495*410mm
Net Weight	32kg	36kg
Package Size(W*D*H)	810*610*590mm	
Gross Weight	47kg	50kg

Class B Series





Aluminum
Tray (Standard)



Stainless Steel
Tray (Optional)

Introduction:

Class B autoclave uses steam as the medium. Through multiple evacuations of the sterilization chamber and filling it with steam, after the sterilization chamber reaches a certain degree of vacuum, saturated steam is filled again to reach the set pressure and temperature, thus achieving the purpose of sterilizing the items to be sterilized. The table top autoclave can be used for medical and surgical items in ophthalmology, dentistry and clinics, such as packaged items, hollow and porous items for sterilization, and can also be used in emergency rooms and small laboratories.

Features:

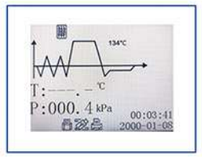
* The sterilization chamber is made of high-quality S30408 stainless steel through electrolytic polishing, which is not easy to be corroded or rusted. The wall of the chamber is equipped with a covered silicone heating film, which makes the heating of the sterilization chamber more uniform.
* The operation interface adopts a 3.5-inch LCD (Liquid Crystal Display) screen, which can display the operation curve of the equipment during operation in real time, as well as information such as the pressure, temperature, time inside the chamber, and alarm codes, making it convenient for users to observe.
* It has a built-in dual water tank configuration, realizing the separation of clean water and sewage. There is no need for an external water source. The open clean water tank is convenient for daily cleaning. One water filling can support multiple operations, and it has a high and low liquid level prompt function.
* The high-efficiency filter uses a 0.22μm high-efficiency air filter to isolate impurities in the air and prevent the sterilized load from being re-contaminated.
* Internal configuration: It is equipped with a three-layer sterilization storage rack, including three sterilization trays and one tray clip.
* Diversified programs: Programs for solid exposed instruments (121/134℃), programs for packaged instruments (121/134℃), fabric programs (121/134℃), enhanced sterilization programs (134℃), B&D test programs, HELIX test programs, and vacuum test programs. Select the corresponding program and temperature according to the sterilized items.

Technical Parameters:

Model	BKM-K18BE	BKM-K23BE
Capacity	18L	23L
Door	Manual	
Display	3.5-inch LCD	
Max Designed Pressure	0.3MPa	
Working Pressure	0.23MPa	
Max Designed Temp.	150℃	
Working Temp.	121/134℃	
Temp. Precision	0.1℃	
Sterilization Time	0~60min	
Drying Time	0~20min	
Water Tank Capacity	3.5L	
Vacuum System	High efficiency vacuum pump	
Chamber Material	S30408	
Chamber Size	φ250*350mm	φ250*450mm
Altitude	≤2700m	
Rack	1 rack with 3 trays	
Standard Accessories	Aluminum tray, USB port	
Optional Accessories	Stainless steel tray, printer	
Consumption	3KW	
Power Supply	AC220V±10%, 50/60Hz±1%(Standard); AC110V±10%, 50/60Hz±1%(Optional)	
External Size(W*D*H)	630*450*455mm	680*450*455mm
Net Weight	46±3kg	48±3kg
Package Size(W*D*H)	810*610*590mm	
Gross Weight	59±3kg	61±3kg

Class B Series















Aluminum
Tray (Standard)



Stainless Steel
Tray (Optional)

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 solid instruments, packaged instruments, fabric (dressing) program, and enhance program. The other three are test programs, namely HELIX test, B&D test, and vacuum test.

* 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.

* 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.

* Safety protection

  Automatic power-off protection for over-temperature and over-pressure, anti-dry burning protection device, automatic pressure relief device for over-pressure, over-current protection device, and leakage protection device.

* Built-in waste water tank

Technical Parameters:

Model	BKMZA	BKMZB
Capacity	18L	23L
Door	Manual	
Display	3.5-inch LCD	
Designed Pressure	-0.1/0.28MPa	
Working Pressure	0.23Mpa	
Max Designed Temp.	150℃	
Working Temp.	121/134℃	
Temp. Precision	0.1℃	
Sterilization Time	0~60min	
Drying Time	0~20min	
Water Tank Capacity	3.5L	
Vacuum System	High efficiency vacuum pump	
Chamber Material	S30408	
Chamber Size	φ247*360mm	φ247*470mm
Altitude	≤2700m	
Rack	1 rack with 3 trays	
Standard Accessories	Aluminum Tray, USB port	
Optional Accessories	Stainless Steel Tray, printer	
Consumption	1.95KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)	
External Size(W*D*H)	495*650*410mm	495*700*410mm
Net Weight	50kg	55kg
Package Size(W*D*H)	610*810*590mm	610*810*590mm
Gross Weight	63kg	67kg

Class B Series



BKM-K18/23B



BKM-Z18/23B



BKM-K18/23B
Display



BKM-Z18/23B
Display



Stainless Steel Tray (Optional)



Aluminum Tray (Standard)

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 program, packaging program, rubber program, dressing program, liquid program, liquid customization, solid customization and enhance program, as well as B&D testing, vacuum testing program, and appointment program.
* 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.
* Built-in dual water tanks: clean water tank and waste water tank.

Technical Parameters:

Model	BKM-K18B	BKM-Z18B	BKM-K23B	BKM-Z23B
Capacity	18L		23L	
Door	Manual	Automatic	Manual	Automatic
Display	5-inch LCD touch screen			
Designed Pressure	-0.1/0.3MPa			
Working Pressure	0.23Mpa			
Max Designed Temp.	150℃			
Working Temp.	105~134℃			
Temp. Precision	0.1℃			
Sterilization Time	0~99min			
Drying Time	0~99min			
Water Tank Capacity	3.5L			
Vacuum System	High efficiency vacuum pump			
Chamber Material	S30408			
Chamber Size	φ250*350mm		φ250*450mm	
Altitude	≤2500m			
Rack	1 rack with 3 trays			
Standard Accessories	Aluminum Tray, USB, printer			
Optional Accessories	Stainless Steel Tray			
Consumption	3KW			
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, air switch)			
External Size(W*D*H)	630*485*450mm		680*485*450mm	
Net Weight	48kg		53kg	
Package Size(W*D*H)	810*610*590mm			
Gross Weight	64kg		65kg	

Class B series





Display

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.



Chamber



Stainless Steel Tray



Mobile sensor

＊ 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 program, packaging program, rubber program, dressing program, liquid program, liquid customization, solid customization, medium sterilization program, enhance program, B&D testing, vacuum testing and media dissolution program.

＊ 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
Door	Automatic		
Display	5-inch LCD touch screen	7-inch LCD touch screen	
Designed Pressure	-0.1/0.3MPa		
Working Pressure	0.23Mpa		
Max Designed Temp.	150℃		
Working Temp.	105~134℃		
Temp. Precision	0.1℃		
Sterilization Time	1~99min		
Drying Time	1~99min		
Water Tank Capacity	14L		
Vacuum System	The high-pressure water pump is combined with the ejector for vacuum extraction, which utilizes the Venturi principle.		
Chamber Material	S30408		
Chamber Size	φ316*621mm	φ386*520mm	φ386*692mm
Altitude	≤2000m; could be customized@ 2000~3000m		
Rack	1 rack with 3 trays		
Standard Accessories	Stainless Steel Tray, USB, printer, mobile sensor		
Consumption	5.8KW	6.2KW	
Power Supply	AC220V, 50/60Hz (Standard); AC110V, 50/60Hz(Optional); Wiring Method: Air switch		
External Size(W*D*H)	610*1020*610mm	805*940*700mm	805*1140*700mm
Net Weight	128kg	175kg	185kg
Package Size(W*D*H)	750*1200*880mm	960*1130*940mm	960*1330*940mm
Gross Weight	165kg	215kg	230kg

Horizontal Cylindrical Pressure Autoclave





Net Rack and Net Lid (Standard)

Introduction:

Large pressure steam sterilizer is a device that uses saturated steam to sterilize articles. The structure of the sterilizer is round, the steam supply mode is its own steam generator, the door of the sterilizer is a single door.

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
Capacity	150L	200L	300L	400L
Designed Pressure	0.28MPa			
Built-in Steam Generator	Yes			
Rated Working Pressure	0.12MPa/0.23MPa			
Rated Operating Temperature	121℃/134℃			
Ambient Temp.	5-40℃			
Adjustable Drying Temperature Range	115~134℃			
Temp. Precision	0.1℃			
Sterilization Timing Adjustable Range	1-99min			
Adjustable Drying Timing Range	1-99min			
Vacuum System	No			
Chamber Material	304 stainless steel			
Chamber Size	Φ500*820mm	Φ500*1050mm	Φ650*935mm	Φ650*1235mm
Altitude	≤2500m			
Standard Accessories	Net rack*1, Net lid*1			
Consumption	10KW		15KW	
Power Supply	AC380V, 50/60Hz; AC220V, 50/60Hz(Three phase); AC220V, 50/60Hz(Note: Be careful when ordering this voltage, the current is close to 75A) Wiring method: Air switch			
External Size(W*D*H)	680*1270*1550mm	680*1500*1550mm	815*1550*1750mm	815*1850*1750mm
Net Weight	230kg	250kg	340kg	385kg
Package Size(W*D*H)	820*1500*1910mm	820*1730*1910mm	950*1750*2030mm	950*2000*2030mm
Gross Weight	320kg	355kg	475kg	535kg

Vertical Autoclave







Printer(standard)



Mesh bottom basket(standard)

Introduction:

Autoclave is the use of pressure saturated steam to carry out rapid and reliable disinfection and sterilization equipment, suitable for medical and health undertakings, scientific research, agriculture and other units. Sterilize medical instructments, dressings, glassware, solution media, etc.

Features:

* Standard built-in printer.
* Deionized water interface for supplying steam generator.
* 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.
* LCD screen display shows pressure, temperature, time, running status, error codes etc.
* Mobile probe detects to ensure the internal temperature of liquid directly, to ensure the sterilization effect of liquid program.
* The air compressor can be optional.
* It is equipped with liquid program, medium program, solid program.

Technical Parameters:

Model	BKQ-B50L	BKQ-B75L
Capacity	50L	75L
Designed Pressure	0.28MPa	
Working Pressure	0.23MPa	
Designed Temp.	150℃	
Working Temp.	105°C~136°C	
Temp. Precision	0.1℃	
Chamber Material	S30408	
Chamber Size	φ386*490mm	φ386*670mm
Basket	φ365*265mm, 1pc	φ365*360mm, 1pc
Noise	≤65dB	
Altitude	≤2700m, please make a note when placing an order between 1000-2700 meters	
Standard Accessories	Printer, mesh bottom basket	
Optional Accessories	Air compressor	
Consumption	5.5KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional); Wiring method: Air switch	
External Size(W*D*H)	700*610*1070mm	
Net Weight	127kg	132kg
Package Size(W*D*H)	820*740*1380mm	
Gross Weight	140kg	147kg

Remark: When used to sterilize sealing liquids, the air compressor is necessary.

Vertical Pulse Vacuum Autoclave









Printer(standard)



Mesh bottom basket(standard)

Introduction:

It uses steam as the medium, and repeatedly draws vacuum and fills the sterilization chamber with steam to make the sterilization chamber reach a certain vacuum degree, and then fills with saturated steam to reach the set pressure and temperature to achieve the purpose of sterilizing the sterilized items. It is mainly used in laboratories, food processing enterprises, pharmaceutical factories and other non-medical units for the sterilization of fabrics, rubber, instruments, laboratory utensils, culture media and non-enclosed liquids.

Features:

* Steam water internal circulation.
* Pulse vacuum exhaust to ensure the effect of steam sterilization.
* Mobile probe detects to ensure the internal temperature of liquid directly, to ensure the sterilization effect of liquid program.
* LCD screen display shows pressure, temperature, time and error codes.
* 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, 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	BKQ-B100V
Capacity	50L	75L	100L
Designed Pressure	-0.1/0.28MPa		
Working pressure	0.23MPa		
Designed Temp.	150℃		
Working Temp.	105~134℃		
Temp. Precision	0.1℃		
Chamber Material	S30408		
Chamber Size	φ386*490mm	φ386*670mm	φ386*900mm
Basket	φ360*260mm, 1pc	φ360*360mm, 1pc	φ360*330mm, 2pc
Vacuum System	Eject vacuum system		
Noise	≤65dB(A)		
Altitude	≤2000m, could be customized at 2000~3000m		
Standard Accessories	Printer, mesh bottom basket		
Consumption	5.5KW		6.2KW
Power Supply	AC220V, 50Hz or 60Hz(Standard); AC110V, 60Hz(Optional); Wiring method: Air switch		
External Size(W*D*H)	700*610*1070mm		700*610*1300mm
Net Weight	127kg	130kg	150kg
Package Size(W*D*H)	820*740*1380mm		820*740*1530mm
Gross Weight	142kg	145kg	170kg

Vertical Autoclave





Basket(Standard)



Printer(Standard)



Bucket(Optional)



Mobile temperature sensor



Anti-corrosion device

Features:

* Diverse programs: exposed program, packaged program, rubber program, dressing program, liquid programs, medium sterilization programs, medium dissolution programs, solid customization and liquid customization.
* Delayed start function, can operate automatically according to the set time.
* With fixed temperature sensors and mobile temperature sensors for dual temperature control.
* Safety device: dual safety interlock device for electronics and mechanics, dual protection device against dry burning, dual over-pressure protection device for electronics and mechanics, over-temperature protection device, over-current protection device and door detection device.

Technical Parameters:

Model	BKQ-L60	BKQ-L80	BKQ-L100	BKQ-L120
Capacity	60L	80L	100L	120L
Designed Pressure	-0.1~0.32MPa			
Working Pressure	0.23Mpa			
Designed Temp.	150℃			
Working Temp.	105~138℃			
Temp. Precision	±0.1℃			
Chamber Material	304 stainless steel			
Chamber Size	Φ386*517mm	Φ386*697mm	Φ386*877mm	Φ386*1057mm
Basket	Φ365*360mm, 1pc	Φ365*265mm, 2pcs	Φ365*360mm, 2pcs	Φ365*360mm, 1pc; Φ365*265mm, 2pcs
Noise	≤65dB			
Altitude	≤2700m			
Standard Accessories	Basket, printer, USB, mobile temperature sensor			
Optional Accessory	Bucket			
Consumption	4.4KW	4.7KW	5.2KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional) Wiring method: air switch			
External Size(W*D*H)	505*750*980mm	505*750*1050mm	505*750*1230mm	505*750*1430mm
Net Weight	87kg	93kg	103kg	110kg
Package Size(W*D*H)	620*850*1070mm	620*850*1250mm	620*850*1430mm	620*850*1610mm
Gross Weight	103kg	111kg	121kg	131kg

Vertical Autoclave





Basket(Standard)



Printer(Optional)

Features:

* Equipped with an independent maintenance window for convenient servicing.
* No external steam source required; adopts built-in heating mode.
* Diverse programs: unwrapped program, packing program, rubber program, dressing program and custom programs.
* Self-expanding silicone sealing ring with excellent sealing performance and long service life.
* Single-chip microcomputer (SCM) automatically controls the process, including heating, sterilization, and exhaust, with no manual intervention required.
* Optional printer for recording the entire sterilization process.

Technical Parameters:

Model	BKQ-B50J	BKQ-B75J	BKQ-B100J	BKQ-B120J
Capacity	50L	75L	100L	120L
Designed Pressure	0.28Mpa			
Working Pressure	0.23Mpa			
Designed Temp.	150℃			
Working Temp.	105~136℃			
Temp. Precision	±0.1℃			
Chamber Material	304 stainless steel			
Chamber Size	Φ372*515mm	Φ372*700mm	Φ372*930mm	Φ372*1110mm
Basket	φ350*355mm, 1pc	φ350*255mm, 2pcs	φ350*355mm, 2pcs	φ350*255mm, 2pcs; φ350*355mm, 1pc
Noise	≤65dB			
Altitude	≤2700m			
Standard Accessory	Basket			
Optional Accessories	Printer, stainless steel appearance			
Consumption	3.5KW		3.8KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional) Wiring method: air switch			
External Size(W*D*H)	525*590*950mm	525*590*1085mm	525*590*1320mm	525*590*1485mm
Net Weight	64kg	66kg	74kg	88kg
Package Size(W*D*H)	750*745*1100mm	750*745*1240mm	750*745*1450mm	750*745*1500mm
Gross Weight	104kg	114kg	127kg	142kg

Vertical Autoclave



BKQ-Z50E



BKQ-B50E



Mesh bottom basket(standard)



Tray(optional)



Bucket(optional)



Printer(optional)

Features:

* High-quality materials: The sterilization chamber is made of high-quality S30408 stainless steel with electrolytic polishing, which is not prone to corrosion and rust. The pot wall is covered with insulating cotton.
* Operation interface: It uses an LED digital tube display, which can display real-time information such as the operating status of the equipment during operation, the temperature inside the chamber, and alarm codes, facilitating users' observation.
* Diverse programs:
  BKQ-Z50E: Solid bare instrument program(126°C), packaged instrument program(126°C), rubber program(121°C), fabric program(126°C), liquid program(121°C), custom program 1(105~126°C), custom program 2(105~126°C), select the appropriate program and temperature according to the items to be sterilized.
  BKQ-B50E: Solid bare instrument program (134°C), packaged instrument program(134°C), rubber program(121°C), fabric program(134°C), liquid program(121°C), custom program 1(105~136°C), custom program 2(105~136°C), select the appropriate program and temperature according to the items to be sterilized.
* Safety protection: Automatic over-temperature protection function for the equipment, over-pressure protection, over-current device.

Technical Parameters:

Model	BKQ-Z50E	BKQ-B50E
Capacity	50L	
Designed Pressure	0.2MPa	0.28MPa
Working Pressure	0.16MPa	0.23MPa
Designed Temp.	126℃	121/134℃
Temp. Precision	0.1℃	
Chamber Material	S30408	
Chamber Size	φ319*610mm	φ316*640mm
Basket/ Bucket	φ300*250, 2pcs	
Noise	≤65dB	
Altitude	≤2700m	
Standard Accessory	Mesh bottom basket	
Optional Accessories	Printer, bucket, tray	
Consumption	3.1KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)	
External Size(W*D*H)	525*475*890mm	525*475*960mm
Net Weight	49kg	61kg
Package Size(W*D*H)	635*550*1020mm	635*550*1090mm
Gross Weight	60kg	72kg

Vertical Autoclave



Bucket(optional)



Printer(optional)



Basket(standard)



Mesh bottom basket(optional)



Technical Features:

* The hand wheel slides to open the door, which is fast and labor-saving.
* Casters facilitate the movement of the equipment.
* It has a fast maintenance window, and the electrical part does not need to remove the cover for maintenance.
* Steam generation method: heating inside the main body, no external steam source is required.
* Using gravity displacement and positive pressure pulsating exhaust method to discharge the cold air in the load and sterilization room.
* A variety of programs
  There are exposed program, packaging program, rubber program, dressing program, liquid program, liquid customization and solid customization.

Technical Parameters:

Model	BKQ-B50I	BKQ-B75I	BKQ-B100I	BKQ-B120I
Capacity	50L	75L	100L	120L
Designed Pressure	0.28Mpa			
Working Pressure	0.23MPa			
Designed Temp.	150℃			
Working Temp.	105~136℃			
Temp. Precision	0.1℃			
Chamber Material	S30408			
Chamber Size	φ386*515mm	φ386*695mm	φ386*875mm	φ386*1055mm
Basket/ Mesh Bottom	φ365*360mm,	φ365*265mm,	φ365*360mm,	φ365*360mm, 1pc
Basket/ Bucket	1pc	2pcs	2pcs	φ365*265mm, 2pcs
Noise	≤65dB			
Altitude	≤2700m			
Standard Accessories	Basket			
Optional Accessories	Printer, mesh bottom basket, bucket			
Consumption	3.7KW		4.1KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional); Wiring method: Air switch			
External Size(W*D*H)	640*550*980mm	640*550*1080mm	640*550*1280mm	640*550*1380mm
Net Weight	89kg	95kg	105kg	122kg
Packing Size(W*D*H)	750*745*1100mm	750*745*1240mm	750*745*1450mm	750*745*1540mm
Gross Weight	104kg	117kg	125kg	137kg

Vertical Autoclave



BKQ-B50/75/100/120II

BKQ-B150/200(II)







Basket(standard)



Mesh bottom basket(optional)



Bucket(optional)



Printer(optional)

Technical Features:

* The hand wheel slides to open the door, which is fast and labor-saving.
* Casters facilitate the movement of the equipment.
* It has a fast maintenance window, and the electrical part does not need to remove the cover for maintenance.
* Steam generation method: heating inside the main body, no external steam source is required.
* Self-expanding silicone sealing ring has good sealing effect and long service life. It is molded with transparent medical silicone.
* Real-time detection and display of the temperature in the sterilization chamber, with a display accuracy of 0.1℃.
* The LED digital tube displays temperature, time, alarm code and the indicator light shows the current operating status.
* Using gravity displacement and positive pressure pulsating exhaust method to discharge the cold air in the load and sterilization room.
* Optional printer to record the temperature during sterilization.
* Inner water tank: Standard for BKQ-B50/75/100/120II; optional for BKQ-B150/200(II)
* A variety of programs
  There are exposed program, packaging program, rubber program, dressing program, liquid program, liquid customization, solid customization.

Technical Parameters:

Model	BKQ-B50II	BKQ-B75II	BKQ-B100II	BKQ-B120II	BKQ-B150(II)	BKQ-B200(II)
Capacity	50L	75L	100L	120L	150L	200L
Designed Pressure	0.28MPa				0.3MPa	
Working Pressure	0.23MPa				0.217MPa	
Designed Temp.	150℃				137℃	
Working Temp.	105~136℃				50~134℃	
Temp. Precision	0.1℃					
Chamber Material	S30408					
Chamber Size	φ386*514mm	φ386*695mm	φ386*875mm	φ386*1055mm	φ500*760mm	φ500*1000mm
Basket/ Mesh Bottom Basket/ Bucket	φ365*360mm, 1pc	φ365*265mm, 2pcs	φ365*360mm, 2pcs	φ365*360mm, 1pc φ365*265mm, 2pcs	φ470*230mm, 3pcs	φ470*230mm, 4pcs
Noise	≤65dB					
Altitude	≤2700m					
Standard Accessory	Basket					
Optional Accessories	Printer, mesh bottom basket, bucket				Printer	
Consumption	4.4KW	4.7KW	5.2KW	5.2KW	6KW	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional); Wiring method: Air switch				AC380V, 50/60Hz(Standard); AC220V, 50/60Hz(Optional); Wiring method: Air switch	
External Size(W*D*H)	640*550*980mm	640*550*1080mm	640*550*1280mm	640*550*1380mm	630*700*1400mm	630*700*1600mm
Net Weight	87kg	95kg	105kg	122kg	162kg	180kg
Package Size(W*D*H)	750*745*1100mm	750*745*1240mm	750*745*1450mm	750*745*1540mm	760*800*1530mm	760*800*1720mm
Gross Weight	104kg	114kg	127kg	142kg	213kg	238kg

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, 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.
* It is equipped with liquid program, medium program and solid program.
* With an emergency stop button.

Technical Parameters:

Model	BKQ-B50BL	BKQ-B75BL	BKQ-B100BL	BKQ-B120BL
Capacity	50L	75L	100L	120L
Designed Pressure	0.28MPa			
Working Pressure	0.23MPa			
Designed Temp.	150℃			
Working Temp.	134℃			
Temp. Precision	0.1℃			
Chamber Material	S30408			
Chamber Size	φ386*515mm	φ386*695mm	φ386*875mm	φ386*1055mm
Basket	φ365*360mm, 1pc	φ365*265mm, 2pcs	φ365*360mm, 2pcs	φ365*360mm, 1pc φ365*265mm, 2pcs
Noise	≤65dB			
Altitude	≤2700m, please make a note when placing an order between 1000-2700 meters			
Standard Accessories	Printer, basket			
Consumption	4KW			
Power Supply	AC220V, 50/60Hz; Wiring method: Air switch			
External Size(W*D*H)	700*610*1070mm	700*610*1070mm	700*610*1250mm	700*610*1430mm
Net Weight	118kg	122kg	130kg	158kg
Packing Size(W*D*H)	760*670*1255mm	760*670*1255mm	760*670*1435mm	760*670*1615mm
Gross Weight	134kg	138kg	148kg	176kg

Vertical Autoclave







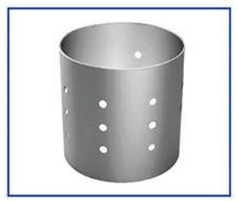




Basket(standard)



Mesh bottom basket(optional)



Bucket(optional)



Printer(optional)

Technical Features:

* The flip-up quick-open door structure opens the cover quickly and labor-saving.
* Universal wheels are installed on the base of the machine to facilitate the movement and adjustment of the machine.
* It has a quick maintenance window, and the electrical part does not need to remove the cover for maintenance.
* Steam generation method: heating inside the main body, no external steam source is required.
* There are optional programs for exposed instruments, packaging instruments, rubber, dressings, solid customization and non-solid customization.
* Self-expanding silicone sealing ring has good sealing effect and long service life. It is molded with transparent medical silicone.
* Real-time detection and display of the temperature in the sterilization chamber, with a display accuracy of 0.1℃.
* The LED digital tube displays temperature, time, alarm code, and the indicator light indicates the current operating status.
* Use single-chip microcomputer control, heating, sterilization, and exhaust. Automatic control, no excessive manual operation.
* Use gravity displacement and positive pressure pulsation exhaust to exhaust the cold air in the load and sterilization room.
* Directly add water to the pot manually, and the entire sterilization process saves more time.The sterilization cycle ends with a buzzer prompt.
* An optional printer can be equipped to record the temperature during the sterilization process.
* A variety of programs

  There are exposed program, packaging program, rubber program, dressing program, liquid program, liquid customization and solid customization.

Technical Parameters:

Model	BKQ-Z30I	BKQ-Z50I	BKQ-Z75I	BKQ-Z100I
Capacity	30L	50L	75L	100L
Designed Pressure	0.28MPa			
Working Pressure	0.23MPa			
Designed Temp.	150℃			
Working Temp.	105~136℃			
Temp. Precision	0.1℃			
Chamber Material	S30408			
Chamber Size	φ385*412mm	φ385*515mm	φ385*715mm	φ385*875mm
Basket/ Mesh Bottom Basket/ Bucket	φ365*265mm, 1pc	φ365*360mm, 1pc	φ365*265mm, 2pcs	φ365*360mm, 2pcs
Noise	≤65dB			
Altitude	≤2700m			
Standard Accessory	Basket			
Optional Accessories	Printer, mesh bottom basket, bucket			
Consumption	4KW			
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional); Wiring method: Air switch			
External Size(W*D*H)	645*610*710mm	645*610*810mm	645*610*945mm	645*610*1150mm
Net Weight	86kg	91kg	98kg	112kg
Packing Size(W*D*H)	750*745*950mm	750*745*1100mm	750*745*1240mm	750*745*1450mm
Gross Weight	102kg	105kg	116kg	124kg

Horizontal Pulse Vacuum Autoclave





Chamber



Door



Display

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. It is suitable for the sterilization of solid instruments, type-A hollow-cavity instruments, implantable instruments, dressing fabrics, rubber catheters, non-sealed liquid items, etc.

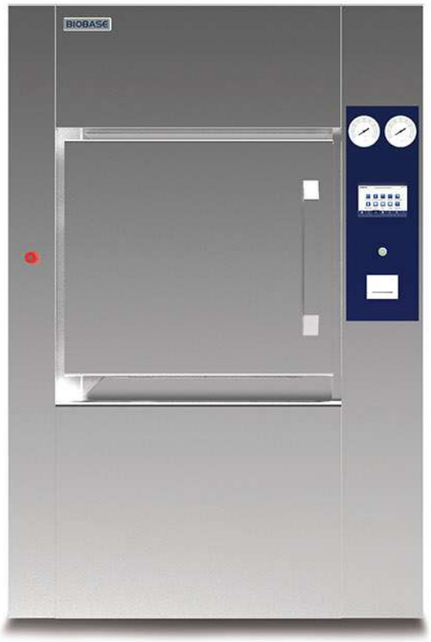
Features:

* Sterilization Data Output: Equipped with built-in micro printer and USB port as standard; no external connection required.
* 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.
* The powerful vacuum drying system has a high evacuation speed, can dry items well, and enables more thorough sterilization.
* 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.
* It is equipped with 13 programs. The programs for exposed instruments, packaging instruments, rubber, dressings, liquids, solid DIY, liquid DIY, rapid sterilization and enhanced sterilization are sterilization programs. The BD, PCD and vacuum tests are test programs, and the drying program is an auxiliary program.

Technical Parameters:

Model	BKQ-Z150H	BKQ-Z200H	BKQ-Z300H	BKQ-Z360H
Capacity	150L	200L	300L	360L
Door	Manual			
Display	7-inch LCD touch screen			
Designed Pressure	-0.1/0.3MPa			
Working Pressure	0.23MPa			
Working Temp.	105~134℃			
Temp. Precision	0.1℃			
Sterilization Time	0~99min			
Drying Time	0~99min			
Vacuum system	Water circulating vacuum pump			
Chamber Material	S30408			
Chamber Size	φ500*780mm	φ500*1020mm	φ650*980mm	φ650*1130mm
Altitude	≤2000m; could be customized@ 2000~3000m			
Rack	1 mesh frame with 1 cover			
Standard Accessories	Stainless Steel frame with cover, mobile sensor, printer			
Consumption	20kVA			
Power Supply	AC380V, 50Hz(Standard); AC380V, 60Hz(Optional); AC220V, 50/60Hz(Three phase, Optional); Wiring Method: Air switch			
External Size(W*D*H)	940*1190*1780mm	940*1400*1780mm	1170*1570*1980mm	1170*1570*1980mm
Net Weight	400kg	450kg	590kg	605kg
Package Size(W*D*H)	1110*1385*2080mm	1110*1585*2080mm	1330*1755*2270mm	1330*1755*2270mm
Gross Weight	520kg	600kg	755kg	770kg

Large Horizontal Autoclave





New UI interface

Features:

* Motorized double-door, inflatable 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 pressure and inner chamber temperature, inner chamber 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 program, instrument program, rubber program, solid DIY program and enhanced program. Auxiliary programs for drying program and water adding program. BD, leak test, PCD test program. Liquid program is optional.
* The shell is made of 304 stainless steel, which is easy to clean.



Sterilization Trolley



Side Cover(Optional)



Air Compressor(Optional)

Technical Parameters:

Model	BKQ-Z450H	BKQ-Z650H
Capacity	450L	650L
Door	Automatic	
Display	7-inch LCD touch screen	
Designed Pressure	Inner chamber: -0.1/0.3MPa; Jacket:0.3MPa	
Working Pressure	0.21MPa	
Designed Temp.	150℃	
Max Working Temp.	134℃	
Temp. Precision	0.1℃	
Built-In Steam Generator	0.8MPa	
Sterilization Time	1~99min	
Drying Time	1~99min	
Vacuum system	Water circulating vacuum pump	
Chamber Material	S30408	
Chamber Size(W*D*H)	672*1000*672mm	672*1500*672mm
Altitude	≤2000m	
Trolley	2 external sterilization trolleys, 1 internal sterilization trolley	
Standard Accessories	Trolleys, printer	
Optional Accessories	Sheet metal side cover, air compressor, liquid program	
Consumption	35kVA	56kVA
Power Supply	AC380V, 50Hz(Standard); AC380V, 60Hz(Optional); AC220V, 50/60Hz(Three phase, Optional); Wiring Method: Air switch	
External Size(L*W*H)	1260*1314*2050mm	1760*1314*1970mm
Net Weight	1035kg	1200kg
Package Size(L*W*H)	Main instrument: 1500*1424*2360mm; Trolleys: 1550*630*1900mm	Main instrument: 2000*1424*2295mm; Trolleys: 2050*630*1900mm
Gross Weight	Main instrument: 1220kg Trolleys: 150kg	Main instrument: 1440kg Trolleys: 170kg

Portable Autoclave



Dual-use Type



Anti-dry Type



Timing Control Type

Applications:

It's mostly suitable for sterilizing of surgical, dental instruments, glassware and biological dressing, food and goods, etc.

Features:

* 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.
* 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-P18I	BKM-P18II	BKM-P18III	BKM-P24I	BKM-P24II	BKM-P24III
Type	Dual-use Type	Anti-dry Type	Timing Control Type	Dual-use Type	Anti-dry Type	Timing Control Type
Capacity	18L			24L		
Max Working Pressure	0.165MPa					
Max Working Temp.	129℃					
Rated Working Pressure	0.14MPa					
Rated Working Temp.	126℃					
Temp. Setting	Fixed 126℃		105~127℃	Fixed 126℃		105~127℃
Heating Method	Coal or electricity	Electricity		Coal or electrici	Electricity	
Sterilizing Time	Manual timing		0~99min	Manual timing		0~99min
Chamber Size	Φ300*320mm	Φ280*350mm		Φ300*450mm	Φ280*460mm	
Altitude	＜2600m					
Disinfection Tank	Φ280*240mm	Φ265*265mm		Φ280*350mm	Φ265*345mm	
Automatic Control	No		Yes	No		Yes
Low Water Level Power Off Mode	Anti-dry burning heating pipe	Water level switch		Anti-dry burning heating pipe	Water level switch	
Consumption	2KW, 1.5KW can be customized					
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)					
External Size(W*D*H)	385*385*450mm	450*340*600mm		385*385*560mm	448*340*680mm	
Net Weight	15.5kg	13.5kg		16.5kg	14.5kg	
Package Size(W*D*H)	400*400*430mm	400*400*670mm		400*400*530mm	400*400*770mm	
Gross Weight	16.5kg	14.5kg		17.5kg	15.5kg	

Integrated Autoclave with Shredder



Safety Protection:

* Equipment over-temperature automatic protection function
* Dual mechanical safety interlock device
* Dual overpressure protection
* Overcurrent leakage safety device
* Door in place detection device

Introduction:

The equipment is mainly used for the crushing and recycling of used medical waste, such as medicine bottles, infusion tubes and needles, syringes, disposable gloves, cotton gauze and some pathological waste, to prevent them from being recycled by illegal elements. At the same time, it can also greatly reduce the storage space. The used medical waste can be put into the machine in bags for high-temperature sterilization and crushing and destruction.

Features:

* The volume of medical waste is reduced by about 60% after treatment, and the storage and transportation efficiency is doubled.
* The height of the whole machine is ≤1.5m, which can be easily adapted to small spaces such as hospital treatment rooms and laboratories.
* The working noise is ≤70 decibels, and there is no noise pollution to interfere with medical order.
* The torque is large during the rotation process and it is not easy to get stuck. Even if it gets stuck, the machine will detect it by itself and reverse it.
* A safety switch is set in the dangerous place. When the feeding port cover is opened, the machine will automatically stop running.

Technical Parameters:

Model	BK-PS50
Whole Machine Size(L*W*H)	1430*670*1165mm
Whole Machine Weight	408±5kg
Shredder Part	
Motor Consumption	1.5KW
Speed	8/10rpm
Feeding Port Size	300*320mm
Blade Thickness	15mm
Blade Diameter	φ172mm
Blade Number	14pcs
Material	The shredder part is made of alloy steel and the outer shell is made of 304 stainless steel
Capacity	5~10kg/h
Autoclave Part	
Consumption	4KW
Setting Temperature	105~136℃
Setting Time	0~999min
Chamber Material	S30408
Chamber Size	φ385±5*515±5mm
Noise	≤65dB
Power Supply	AC220V, 50/60Hz

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	23L	55L	88L	105L	140L	200L
Circulation Mode	Forced convection					
Temp. Control Way	PT100					
Temp. Control Range	RT+10~250℃					
Temp. Fluctuation	±3℃					
Temp. Uniformity	±5℃					
Ambient Temp.	5-40℃					
Chamber Material	201 stainless steel					
Chamber Size (W*D*H)	256*263*314mm	356*340*414mm	433*363*470mm	435*457*500mm	604*463*558mm	605*491*658mm
Altitude	＜2000m					
Shelf	240*240mm, 2pcs, can be optional	340*340mm, 2pcs, can be optional	340*440mm, 2pcs, can be optional	440*440mm, 2pcs, can be optional	440*540mm, 2pcs, can be optional	490*590mm, 2pcs, can be optional
Standard Accessories	Shelf*2					
Optional Accessories	Shelf					
Consumption	600W	1000W	1200W	1600W	2000W	2300W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, external transformer)					
External Size(W*D*H)	583*393*486mm	683*494*586mm	781*482*642mm	781*593*670mm	881*594*730mm	931*644*802mm
Net Weight	29.5kg	42kg	53kg	62kg	67.5kg	75kg
Package Size(W*D*H)	675*522*641mm	775*622*741mm	873*622*796mm	873*722*825mm	973*722*885mm	1023*722*985mm
Gross Weight	40kg	53kg	65kg	78kg	90kg	105kg

Atomizing Disinfection Robot

Introduction:

The disinfection robot can effectively purify the air by rapidly atomizing the disinfectant and automatically spraying the disinfection area. It can be widely used in hospitals, airports, office buildings, shopping malls, schools, factories and other public places.

Applications:

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



Hospital



Airport



Shopping Mall



Office



Features:

* Comprehensive disinfection: 360°no dead angle disinfection kill rate 99.99%.
* Super large capacity: 16L large capacity water tank 1000m only takes 15min.
* Automatic charging: Low water level and low power automatic recharge without personnel on duty.
* Path planning: Automatic route cruise disinfection highly sensitive intelligent obstacle avoidance.
* Intelligent control: Remote control of tasks within a defined period.

Technical Parameters:

Model	BKS-Y-800
Disinfection Capacity	16L
Atomization Efficiency	Multi-gear adjustable, up to 3000ml/h (remote adjustable)
Spray Diameter	≥4.0m
Disinfectant	Hypochlorous acid, Chlorine peroxide, Chlorine dioxide, etc.
Disinfection Efficiency	≥1000m²/15min
Spray Method	Four-direction spray (Standard)
Disinfection Method	Ultrasonic atomization
Atomized Particle	≤10μm
Moving Speed	0.3~0.8m/s (adjustable)
Ability to Cross Obstacles	20mm
Grade Ability	9°
Driving Channel Width	Narrowest width≥700mm
Battery	Lithium battery 15AH 24V
Endurance	3~6 hours (Depending on the mode)
Power Supply	AC100~240V, 50/60Hz, 145W
Overall Size (W*D*H)	530*480*1230mm
Net weight	55kg
Package Size(W*D*H)	660*700*1150mm
Gross Weight	63kg

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



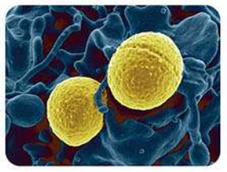
Shelves (Standard)

Features:

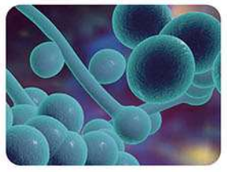
* **Humanized design**
  High quality sealing materials, adjustable shelves, multiple layers can be customized according to the requirements, easy to use.
* **Control system**
  Fully automatic control, adjustable sterilization time and shut down automatically after sterilization.
* **Ozone sterilization**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

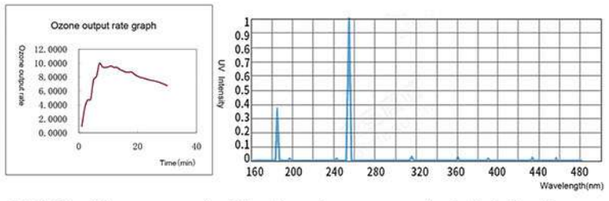


Candida Albicans



Escherichia Coli

Double Sterilization O_3+UV:



UV-C with ozone sterilization lamp spectral distribution

Technical Parameters:

Model	BJPX-SVO60	BJPX-SVO80
Capacity	70L	90L
Sterilization Method	Ozone+UV Lamp	
Ozone Concentration	620mg/m³	
Ozone Leakage	≤0.1mg/m³	
Indicator Bacteria	Staphylococcus Aureus, Candida Albicans, Pseudomonas aeruginosa, Natural bacteria	
Index	Each point of the log kill value should be＞3.00	
Control System	PID	
Working Condition	(a) Ambient temperature range 5~40℃ (b) Relative humidity is not more than 85% (c) Atmospheric pressure 70 Kpa~106Kpa (d) No flammable, corrosive gas or conductive dust around	
Material	Work Zone: 201 stainless steel, 1.0mm thick Main Body: Cold-rolled steel with coating	
Altitude	＜2000m	
Shelf(W*L)	386*394mm, standard 2pcs, can be optional	478*394mm, Standard 2pcs, can be optional
Standard Accessories	Shelf*2, UV lamp*1	
Consumption	8W	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, external transformer)	
Internal Size(W*D*H)	398*398*452mm	398*498*452mm
External Size(W*D*H)	495*501*760mm	495*601*760mm
Net Weight	35kg	40kg
Package Size(W*D*H)	620*620*860mm	726*620*860mm
Gross Weight	50kg	55kg

UV Sterilization Cabinet





Shelves (Standard)



UV Lamp(Standard)

Technical Parameters:

Model	BJPX-SVO200	BJPX-SV200
Capacity	200L	
Type	With ozone	Without ozone
UV Ray Wavelength	253.7/184.9nm	253.7nm
Sterilization Way	2 sides of UV ray + 1 side of ozone	3 sides of UVC UV ray
UV Lamp Material	Quartz glass	
Altitude	＜2000m	
Shelf	500*520mm, standard 2pcs, can be optional	
Standard Accessories	Shelf*2,doorknob*1, UV lamp*4, Ozone UV lamp*2	Shelf*2, doorknob*1, UV lamp*6
Consumption	120W	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional, external transformer)	
Internal Size(W*D*H)	518*523*778mm	
External Size(W*D*H)	750*663*1200mm	
Net Weight	81kg	
Package Size(W*D*H)	875*788*1365mm	
Gross Weight	100kg	

Recommended UV Exposure Time:

Microorganism Species	Exposure Dose	Exposure Time
Bacterial Propagules	≥10000μW.s/cm^2	10min
Bacterial Spores	≥100000μW.s/cm^2	10min
Virus	10000μW.s/cm^2≤Exposure Dose≤100000μW.s/cm^2	10min
Fungal Spores	General Exposure Dose≤100000μW.s/cm^2 Special Exposure Dose up to 600000μW.s/cm^2	60min
When the target microorganism is unknown	≥100000μW.s/cm^2	10min

Remarks: The suitable temperature range for ultraviolet disinfection is 20℃~40℃. If the temperature is too high or too low, the disinfection effect will be affected, and the disinfection time can be appropriately extended.

Glass Bead Sterilizer



GBS300-L



GBS300-H

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℃) 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℃.
* 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
Glass Beads Capacity	150g	300g
Temp. Range	100~300℃	
Temp. Accuracy	±5℃	
Temp. Precision	1℃	
Timing Range	1min~99h59min/∞	
Heating Time	≤25min(RT. to 300℃)	
Material of Lid	Stainless steel	
Chamber Size	φ40*80mm	φ40*140mm
Standard Accessories	Glass beads	
Max Consumption	120W	250W
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	176*135*189.5mm	176*135*249.5mm
Net Weight	2.5kg	3.3kg
Package Size(W*D*H)	330*300*300mm	
Gross Weight	3.8kg	4.62kg

UV Air Sterilizer

UV Air Sterilizer (Mobile)



BKB-Y-800



BK-Y-600/800/1000/1300

Introduction:

The use of long-life ultraviolet lamp, through the fan to the outside of the machine air inhalation to the inside of the machine through the ultraviolet radiation, bacteria and virus inactivation, and then the disinfection of the air through the fan outside the machine, so as to achieve the purpose of air disinfection in the room.It is suitable for laboratory department, isolation point, intensive care ward of hospital etc.

Features:

* The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
* Using a single chip microcomputer control core, 6 groups of switch segments can be booked within 24 hours and the wind speed is adjustable in three gears (9 groups of switch segments only for BKB-Y-800).
* Manual, timing, temporary 3 working modes are convenient for users to choose (Manual, automatic, timing, temporary 4 working modes only for BKB-Y-800).
* With ultraviolet lamp, fan, negative ion module, plasma module fault alarm, filter and ultraviolet lamp maintenance prompt alarm (Only for BKB-Y-800).
* Super infrared, remote control equipment.
* Easy removable external filter design, built-in high concentration negative ion generator.

Technical Parameters:

Model	BK-Y-600	BK-Y-800	BK-Y-1000	BK-Y-1300	BKB-Y-800
Applicable Space	≤60m³	≤80m³	≤100m³	≤130m³	≤80m³
Circulating Air	≥600m³/h	≥800m³/h	≥1000m³/h	≥1300m³/h	≥800m³/h
Shell Material	ABS, anti-UV				Metal shell
Filter	Filter dust particles above 5μm				
UV Lamp Life	≥5000h				
UV Leakage	≤2μW/cm²	≤3μW/cm²	≤1μW/cm²		
O_3 Leakage	≤0.006mg/m³	≤0.007mg/m³	≤0.019mg/m³	≤0.022mg/m³	≤0.0114mg/m³
Negative Ion Generation	≥5*10⁶PCS/cm³				
Natural Bacteria Extinction Rate	≥90%				
Sterilization Rate of Staphylococcus Albus	≥99.9%				
Noise	≤55dB(A)				
Consumption	≤230W	≤260W	≤300W	≤340W	≤150W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)				AC220V, 50/60Hz (Standard); AC110V, 50/60Hz (Optional) (External transformer)
External Size(W*D*H)	540*410*900mm				370*360*710mm
Net Weight	19.1kg	19.4kg	21.5kg	21.9kg	21.5kg
Package Size(W*D*H)	574*481*975mm				440*430*780mm
Gross Weight	22.5kg	22.7kg	24.8kg	24.8kg	27.5kg

UV Air Sterilizer (Wall Mounted)



BKS-B-600



BKZII-B-800/BKZII-B-1000 /BKZII-B-1200

Features:

* The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
* LED display, there are 20s to display the total running time after shutdown (Only for BKS-B-600).
* Two kinds of wind direction control: manual and automatic. The wind angle can be adjusted manually (Only for BKS-B-600).
* Using a single chip microcomputer control core, 9 groups of switch segments can be booked within 24 hours and the wind speed is adjustable in three gears (BKS-B-600 only have 3 groups of switch segments).
* It has automatic accumulation of working hours, and 4 working modes: manual, scheduled, automatic and temporary, which are convenient for users to choose (BKS-B-600 only have 3 working modes: manual, scheduled and temporary).
* It has ultraviolet lamp, fan, negative ion module, plasma module failure alarm, filter and ultraviolet lamp maintenance prompt alarm (Only for BKZII-B-800/1000/1200).
* It adopts an easy-to-remove filter design.

Technical Parameters:

Model	BKZII-B-800	BKZII-B-1000	BKZII-B-1200	BKS-B-600
Applicable Space	≤80m³	≤100m³	≤120m³	≤60m³
Circulating Air	≥800m³/h	≥1000m³/h	≥1200m³/h	≥600m³/h
Shell Material	High quality cold rolled steel plate			ABS, anti-UV
Filter	Filter dust particles above 5μm			Activated carbon, filter dust particles more than 5μm
UV Lamp Life	≥5000h			
UV Leakage	≤1μW/cm²	≤3μW/cm²	≤1μW/cm²	≤3μW/cm²
O_3 Leakage	≤0.02mg/cm³	≤0.016mg/m³	≤0.02mg/m³	≤0.006mg/cm³
Negative Ion Generation	≥5*10⁶PCS/cm³			≥5*10⁶PCS/cm³(Optional)
Natural Bacteria Extinction Rate	≥90%			
Sterilization Rate of Staphylococcus Albus	≥99.9%			
Noise	≤55dB(A)			
Consumption	≤180W	≤235W	≤300W	≤130W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)			
External Size(W*D*H)	800*360*160mm			885*280*220mm
Net Weight	17.6kg	17.8 kg	18kg	7.2kg
Package Size(W*D*H)	860*420*210mm			1100*280*385mm
Gross Weight	19.2kg	19.3kg	19.5kg	9.8kg

UV Air Sterilizer(Mobile)



BKB-G-1600

Features for BKB-G-1600:

* The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
* The shell is made of metal material with modem moisture-proof and rust-proof technology. and is simple and elegant with black acrylic panels throughout.
* It adopts a single-chip microcomputer control core, and the LCD screen displays the indoor temperature and humidity in real time. 9 groups of power on and off periods can be scheduled at will within 24 hours, and the wind speed is adjustable in three gears.
* It has automatic accumulation of working hours, and 4 working modes: manual, scheduled, automatic and temporary, which are convenient for users to choose.
* It has ultraviolet lamp, fan, negative ion module, plasma module failure alarm,filter and ultraviolet lamp maintenance prompt alarm

Features for ZY-Y-800:

* Man-machine coexistence, excellent purification and disinfection capacity.
* Quadruple sterilization disinfection technology, the sterilizing rate can reach 99.9%.
* Primary filter, solid adsorption and removal of small particles in the air.
* Activated carbon filter, adsorption of odor, formaldehyde, TVOC and other harmful gases.
* UV lamp, kill Staphylococcus albus, natural bacteria in the air.
* Photocatalyst filter. Under ultraviolet irradiation,it can effectively degrade poisonous and harmful gas and kill a variety of bacteria.
* Negative ion generator (Optional) releases high concentration of negative ions, making the air more fresh.



ZY-Y-800

Technical Parameters:

Model	BKB-G-1600	ZY-Y-800
Applicable Space	≤160m³	20m³ (Simulated field experiment with Staphylococcus albus) 30m³ (Field experiments on natural bacteria in the air)
Circulating Air	≥1600m³/h	800m³/h
Shell Material	High quality cold rolled steel plate	
Filter	Filter dust particles above 5μm	
UV Lamp Life	≥5000h	
UV Leakage	≤1μW/cm²	
O_3 Leakage	≤0.0125mg/m³	≤0.003mg/m³
Negative Ion Generation	≥5*10⁶PCS/cm³	≥3*10⁶PCS/cm³
Natural Bacteria Extinction Rate	≥90%	
Sterilization Rate of Staphylococcus Albus	≥99.9%	
Noise	≤55dB(A)	≤48dB(A)
Consumption	≤270W	230W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)
External Size(W*D*H)	370*360*1340mm	230*400*1040mm
Net Weight	39.8kg	28kg
Package Size(W*D*H)	440*430*1420mm	295*440*1082mm
Gross Weight	45.7kg	30kg

Ozone Air Sterilizer



BKCY-Y-20G



BKCY-B-20G

Introduction:

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	
Applicable Space	60m³	
Ozone Generation	20g/h	
Ozone Concentration	129.45mg/m³	131.85mg/m³
Natural Bacteria Extinction Rate	94%	
Sterilization Rate of Staphylococcus Albus	99.99%	
Consumption	≤130W	
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)	
External Size(W*D*H)	198*206*485mm	
Net Weight	7.2kg	6.8kg
Package Size(W*D*H)	270*280*500mm	
Gross Weight	8.8kg	8.3kg

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.It is suitable for general operating room, delivery room, blood ward, burn ward, protective isolation ward, 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.
* Three gears adjustable wind speed.
* Real-time monitoring of indoor air temperature and humidity.
* 9 groups program-controlled timing disinfection.
* Multiple working modes: manual, timing, automatic, temporary.
* LCD display, far infrared remote control.
* Automatic accumulation of working hours.
* Plasma 30000 hours alarm, filter 2000 hours alarm.
* One key lock function, the user can lock manually or the user has not operated for a long time to lock automatically.
* Component failure alarm, each function of a separate alarm display.

Technical Parameters:

Model	BKZII-B-800-D	BKZII-B-1000-D	BKZII-B-1300-D
Type	Wall mounted		
Disinfection Type	Plasma and electrostatic adsorption		
Applicable Space	≤80m³	≤100m³	≤130m³
Circulating Air	≥800m³/h	≥1000m³/h	≥1300m³/h
Shell Material	Metal shell		
Ozone Leakage	≤0.02mg/m³		
Plasma Density	$3.26*10^{17}m^{-3}$~$6.01*10^{17}m^{-3}$	$3.18*10^{17}m^{-3}$~$6.15*10^{17}m^{-3}$	$3.22*10^{17}m^{-3}$~$6.36*10^{17}m^{-3}$
Negative Ion Generation	≥$5*10^{6}$PCS/cm³		
Electric Field Intensity of Sterilization Area	8000V		
Electric Field Intensity of Dust Accumulation Area	4000V		
Natural Bacteria Extinction Rate	≥90%		
Sterilization Rate of Staphylococcus Albus	≥99.9%		
Noise	≤55dB(A)		
Consumption	≤100W	≤120W	≤150W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, AC50/60Hz(Optional)(External transformer)		
External Size(W*D*H)	693*360*160mm	800*360*160mm	1050*360*160mm
Net Weight	15.5kg	17.5kg	22.5kg
Package Size(W*D*H)	782*428*252mm	880*428*252mm	1150*446*258mm
Gross Weight	18kg	20kg	25.5kg

Plasma Air Sterilizer



BKB-Y-800-D



BK-Y-1000-D



BKB-G-1600-D

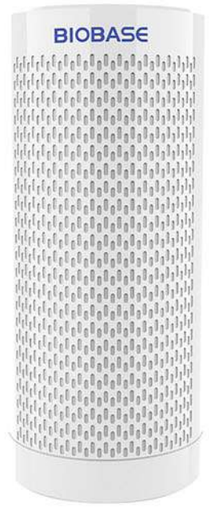
Features:

* The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
* LCD touch display, real-time display of indoor temperature and humidity (Humidity only for BKB-G-1600-D).
* 6 groups of on-off time can be booked within 24 hours, wind speed can be adjusted in three gears.
* Manual, timing, temporary and automatic working modes (Automatic working mode only for BKB-G-1600-D) are available.
* With two-section plasma generator, the upper part uses 4000V plasma generator to adsorb dust particles, and the lower part uses 8000V plasma generator to sterilize and disinfect (Mobile type). With plasma generator, fan, negative ion module fault alarm, filter maintenance warning (BKB-G-1600-D). The service life can reach 30000 hours.
* Built-in high-concentration negative-ion generator, release negative ions to adsorb dust particles in the air and purify the air.
* The device has two fans and two plasma generators with large air volume and space disinfection capacity (Only for BKB-G-1600-D).
* Filter is easy to disassemble.

Technical Parameters:

Model	BKB-Y-800-D	BK-Y-1000-D	BKB-G-1600-D
Type	Mobile type		Floor type
Disinfection Type	Plasma and electrostatic adsorption		
Applicable Space	≤80m³	≤100m³	≤160m³
Circulating Air	≥800m³/h	≥1000m³/h	≥1600m³/h
Shell Material	Metal shell		Metal shell
Ozone Leakage	≤0.01mg/m³	≤0.033mg/m³	≤0.01mg/m³
Plasma Density	$3.40*10^{17}m^{-3}$~$1.75*10^{18}m^{-3}$	$3.49*10^{17}m^{-3}$~$8.67*10^{17}m^{-3}$	$3.38*10^{17}m^{-3}$~$1.84*10^{18}m^{-3}$
Negative Ion Generation	≥$5×10^{6}$PCS/cm³		
Electric Field Intensity of Sterilization Area	8000V		
Electric Field Intensity of Dust Accumulation Area	4000V		
Natural Bacteria Extinction Rate	≥90%		
Sterilization Rate of Staphylococcus Albus	≥99.9%		
Noise	≤55dB(A)		
Consumption	≤100W		≤200W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)		
External Size(W*D*H)	370*360*710mm	540*410*900mm	370*360*1340mm
Net Weight	20.5kg	23kg	41.8kg
Package Size(W*D*H)	440*430*780mm	574*481*975mm	440*430*1420mm
Gross Weight	25.3kg	28.5kg	47.7kg

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. It is 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	≤30m³
Circulating Air	≥300m³/h
Filter	Composite activated carbon filter
UV Lamp Life	≥5000h
UV Leakage	≤1μW/cm²
Ozone Leakage	≤0.01mg/m³
Negative Ion Generation	≥5*10⁶PCS/cm³
Natural Bacteria Extinction Rate	≥90%
Sterilization Rate of Staphylococcus Albus	≥99.9%
Ultraviolet Radiation Intensity(Inner)	Average: 85μW/cm²(At 1 meter vertical center)
Noise	≤55dB(A)
Consumption	≤100W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)
External Size(W*D*H)	265*265*640mm
Net Weight	4.35kg
Package Size(W*D*H)	320*320*700mm
Gross Weight	5.73kg

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. 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
Material	Shell: ABS Lamp tube: quartz
Lamp Tube Size	100mm
Lamp Wavelength	253.7nm(No ozone)
UV Lamp Life	8000h
Consumption	1W
Power Supply	3V, AAA batteries*2
External Size(W*D*H)	190*26*25mm
Net Weight	0.05kg
Package Size(W*D*H)	194*32*26mm
Gross Weight	0.06kg

UV Disinfection Trolley



MF-Ⅱ-ZW30S19W ZY-II-ZW65D17W/ZY-II-ZW120D17W

Introduction:

It is suitable for public places such as medical treatment, families, kindergartens, as well as food manufacturing, animal husbandry and poultry breeding, and can also be used for bacterial research units, pharmaceutical industry for bacterial research, photochemical reactions, etc., to solve the problems caused by traditional disinfection methods.

Features:

* Chassis 360° universal wheels, all-round sterilization and disinfection.
* The UV disinfection lamp can be adjusted freely within 0~180 degrees without fixed restrictions.
* Safety quartz glass lamp, high ultraviolet perspective, high intensity, long life.
* Optional wireless remote control switch.
* Delayed start, one-button sterilization and disinfection(Only for ZY-II-ZW65D17W and ZY-II-ZW120D17W).
* It can be timed for 120 minutes, and the required sterilization time can be set according to the area of the disinfected place.
* Fully enclosed UV lamp holder, not easy to fall off. The lamp can be concealed for convenient storage and better protection (Only for MF-Ⅱ-ZW30S19W).

Technical Parameters:

Model	ZY-II-ZW65D17W	ZY-II-ZW120D17W	MF-Ⅱ-ZW30S19W
Applicable Space	≥30m³		
UV Lamp Life	≤8000h		≤5000h
UV Wavelength	253.7nm		
Length of Lamp Tube	530mm	700mm	894mm*2
Adjustable Angle of Lamp Tube	0~180°		
Illumination	≥200μW/cm²		Single lamp tube: ≥107μW/cm² Two light tubes: ≥214μW/cm²
Knob Timer	20, 40, 60, 80, 100, 120 minutes timing		0~120 minutes adjustable
Teleswitch (Optional)	Remote control distance: 220V ≤30 meters 110V ≤10 meters can penetrate the wall, controllable switch		Remote control distance ≤30 meters, can penetrate the wall thickness 80, 110cm, controllable switch, 15, 30, 60, 120 minutes timing(Only for 220V)
Power of Light Lamp Tube	65W	120W	30W*2
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)		
External Size(W*D*H)	200*200*674mm	251*251*872mm	280*340*1080mm
Net Weight	2.55kg	3.22kg	6kg
Package Size(W*D*H)	221*221*760mm	273*273*895mm	220*310*1060mm
Gross Weight	3.5kg	5.1kg	7kg

Hydrogen Peroxide Sterilizer



Introduction:

It is suitable for biosafety laboratories, infection wards, schools, hospitals, food enterprises, scientific research institutes and other places that require regular disinfection of air and hard surfaces.

Features:

* Efficient broad spectrum sterilization, can kill white staphylococcus, natural bacteria in the air and so on.
* Micron atomized particles form Brownian motion, uniform diffusion.
* Delay start + wireless remote control one-button to start, safe and convenient.

Technical Parameters:

Model	ZY-G-GY15
Display	4.3-inch touch screen
Concentration Range	7.5% (W/W) H_2O_2 disinfectant, 0~188.4mg/m³
Atomized Particle Size	1μm on average
Volume of Spray	15~18ml/min
Mist Discharge Mode	One-way discharge mist
Working Time	60min
Stock Solution Volume	1L
Natural Bacteria Extinction Rate	>90%, wooden countertop extinction log>1
Sterilization Rate of White Staphylococcus Albus	>99.99%
Consumption	1300W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)
External Size(W*D*H)	452*256*346mm
Net Weight	10.5kg
Package Size(W*D*H)	600*326*386mm
Gross Weight	13kg

Note: customers need to prepare their own hydrogen peroxide disinfectant

H_2O_2 Nebulizer Sterilizer



Introduction:

It is suitable for biosafety laboratories, infection wards, schools, hospitals, food enterprises, scientific research institutes and other places that require regular disinfection of air and hard surfaces.









Features:

* It can control the spraying of the disinfectant in the form of nano-micron droplets, reduce the condensed liquid, and ensure the penetration and disinfection effect on complicated and difficult-to-reach places.
* Full-color touch screen, easy and clear operation, high user experience comfort.
* It can achieve a killing effect of 6 logs of Bacillus subtilis black mutated spores.
* It is less corrosive, non-toxic, and has a wide range of applications, which can replace traditional space disinfection methods.
* Flexible to use and easy to operate, small in size and easy to move, suitable for various units that have requirements for microbial limits. It has an automatic calculation function. Just input the size of the room to be disinfected, and the required amount of disinfectant can be automatically calculated.
* With the function of timing appointment, this product can make an appointment in advance. After the timing appointment is made, the equipment can automatically start disinfection.

Technical Parameters:

Model	BKX-G100
Liquid Capacity	4L
Suitable Space	100m³
Consumption	1100W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)
External Size(W*D*H)	530*530*950mm
Net Weight	48kg
Package Size(W*D*H)	620*620*960mm
Gross Weight	55kg

Note: customers need to prepare their own food grade hydrogen peroxide disinfectant

Intelligent Induction Sterilizer





Introduction:

BIOBASE intelligent introduction sterilizer, with infrared sensing double spray function, non-contact liquid. When used, add less than 75% alcohol of volume 4/5, and the sensing distance is 0-12cm. When used, the concentration of alcohol is added below 75%, and the volume of the added liquid is not more than 4/5 of the total volume.Keep away from heat and fire. It is suitable for disinfection of hands and articles.

Features:

* Alcohol disinfection and sterilization, safe and reliable.
* Free, more assured.
* Intelligent upgrade infrared sensor.
* Extremely fast response, just reach out and spray.

Technical Parameters:

Model	U6
Shell Material	ABS+PC+PP
Induction Distance	1~12cm
Water Tank Capacity	100ml
Spray Capacity	40~60ml/h
Battery Capacity	1200mAh
Input Voltage	5V
Input Current	1A
Interface Type	Type-C
Consumption	2W
External Size(W*D*H)	102*87*67mm
Net Weight	0.196kg
Package Size(W*D*H)	110*95*75mm
Gross Weight	0.26kg

Note: customers need to prepare their own hydrogen peroxide disinfectant

Bed Unit Ozone Sterilizer





7-inch LCD display

Introduction:

Suitable for disinfection of bed sheets, quilt covers, pillowcases, pillow inserts, mattresses and operating room clothing.

It is widely used in hospital wards, nursing homes, welfare homes, hotels and other important places.

Features:

* The shell is ABS material that does not hide dirt. It comes with a medical silent caster, making it easy to move.
* Controlled by a microcomputer, adopts a 7-inch capacitive LCD screen, that is sensitive to touch, long service life and convenient for human-computer interaction.
* It can disinfect both beds at the same time, with a high sterilization rate and can whiten, deodorize and repel insects.
* There are custom mode, bed bag mode and bedspread mode to chose from.
* Built-in a high concentration quartz ozone generator, it has a longer and more stable lifespan.

Technical Parameters:

Model	BKCDW-Y-3G
Disinfection Method	Ozone
Ozone Generation	3000mg/h
Max Ozone Concentration	627.6mg/m^3
Ozone Filling Time	0~60min(Customizable)
Disinfection Time	0~120min(Customizable)
Pump-out Time	0~240s(Customizable)
Parsing Time	0~240s(Customizable)
Noise	≤60dB(A)
Special Function	Single and twin bed mode, temperature detection
Consumption	≤900W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)
External Size(W*D*H)	460*360*940mm
Net Weight	26.5kg
Package Size(W*D*H)	534*434*1144mm
Gross Weight	33.9kg





Internal structure



Back drawer

Introduction:

Bed unit ozone sterilizer adopts high-concentration ozonator and air pump pressurization technology. The high-concentration of ozone is injected into the bedding, mattress, pillow core etc. in the special bedspread in the manner of semi-closed pressure osmosis to achieve the purpose of disinfecting the bed unit.

Features:

* 7-inch color touch screen, microcomputer control, long service life, low light loss and system energy consumption and convenient man-machine interaction.
* With consumable life alarm function.
* Manual/automatic mode is optional, free to set disinfection time.
* Clock display function to accumulate disinfection time, real-time temperature monitoring.
* Special lockers are provided before and after the machine to facilitate users to store items such as ozone output tubes.
* With ozonolysis device, the treated gas can be directly discharged into the air, healthy and pollution-free.
* Equipped with high-power air compressor, so that ozone can completely enter the interior of cotton wool and other items for disinfection.
* Stainless steel ceramic ozonator, high purity ozone, large amount of production, long service life.

Technical Parameters:

Model	ZY-Y-CY5G
Disinfection Method	Ozone
Ozone Generation	5000mg/h
Max Ozone Concentration	≥1700mg/m^3
Ozone Filling Time	0~99min(Customizable)
Disinfection Time	0~99min(Customizable)
Pump-out Time	0~99min(Customizable)
Parsing Time	0~99min(Customizable)
Noise	45~50dB(A)
Special Function	Single and twin bed mode, temperature detection, analytical agent change prompt, selection of disinfection cycles, time can be set and scheduled disinfection is available
Consumption	410VA
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)
External Size(W*D*H)	380*350*830mm
Net Weight	31kg
Package Size(W*D*H)	445*385*967mm
Gross Weight	40kg

Washer Disinfector

Lab Automatic Glassware Washer



BKX-CQS-120



BKX-CQZ-120



BKX-CQS-220/320

Introduction:

Laboratory bottle washing machine is a kind of automatic equipment specially used for cleaning laboratory utensils, which is widely used in chemical industry, food testing, scientific research and other fields. Through high temperature, high pressure water flow and special cleaning agent, it efficiently removes residues, ensures the cleanliness of utensils meets the experimental requirements, replaces the traditional manual cleaning, improves efficiency and reduces the risk of cross contamination.

Features:

* 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.
* Provides 11 standard programs and 299 custom programs.

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.

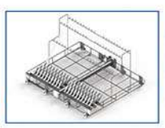
Cleaning Racks:



Injection Rack (BKXIR16)



Standard Rack (BKXIR36)



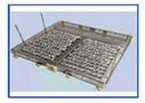
Pipette Rack (BKXPK60)



Injection Rack (BKXIR120)



Combined Rack (BKXIR11218)



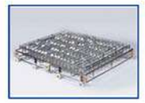
Injection Rack (BKXIR220)



Injection Rack (BKXIR260)



Beaker Rack (BKXBR01)



Petri-dish Rack-Upper (BKXDR9070U)



Injection Rack (BKXIR60)

Technical Parameters:

Model		BKX-CQS-120	BKX-CQZ-120	BKX-CQS-220	BKX-CQS-320
Cleaning	Capacity	120L	120L	220L	320L
	Washer Load Level	1	1	2	3
	Water Wash Power	0.75KW	0.75KW	1.5KW	1.5KW
	Water Heater Power	5KW	5KW	7KW	7KW
	MAX. Power	6KW	6KW	9KW	9KW
	Water Consumption/Step	15L	15L	20L	20L
	Tank Internal Temperature	0~95℃			
	Water Supply Pressure	Tap water: 0.3~0.8Mpa pure water: 0~0.8Mpa			
	Peristaltic Pump for Cleaning Agent	2			
	Cleaning Agent Level Sensor	YES			
	Washing Pump	Sweden 430L/min	Sweden 430L/min	Sweden 1000L/min	Sweden 1000L/min
	Standard Cleaning Racks	BKXIR36, 1pc		BKIR36, 2pc	BKIR36, 3pc
Drying	Drying Function	YES			
	Steam Condenser	YES			
	Dry Power	3KW	3KW	4KW	4KW
Control System and Traceability	Control System	7" color LCD touch screen display, microprocessor			
	Cleaning Program	11 pre-set programs+299 PLC free programming			
	4-level Password Protection	YES			
	Safety Emergency Button	YES			
	USB port	YES			
	Integrated printer	YES			
	Online Monitor Performance of Washing	Optional			
	UV Sterilization Function	Optional			
Dimensions & Weight	Chamber Dimension(W*D*H)	600*620*560mm	600*650*560mm	600*630*730mm	600*630*930mm
	Exterior Dimension(W*D*H)	980*740*870mm	890*800*1540mm	690*820*1800mm	690*820*2000mm
	Package Dimension(W*D*H)	1150*940*1060mm	1100*970*1900mm	850*1000*2250mm	850*1000*2250mm
	Net Weight(Host only)	190kg	260kg	290kg	310kg
	Gross Weight(Host with rack)	220kg	290kg	330kg	350kg
Others	Door	Double-layered glass door, 304 stainless steel			
	Safety Door Lock	YES			
	Built-in RO Water Pump	YES			
	Noise	<50dB			
	Power Supply	AC220V, 50Hz(Standard) AC220V, 60Hz; 110V, 50/60Hz; 380V, 50/60Hz(Optional)			

Table Top Full-automatic Glassware Washer





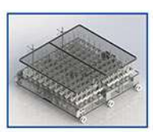
Features:

* Wide cleaning range, covers 1.5ml~100ml of all kinds of sample bottles, test tubes, centrifugal tubes, beakers, volumetric flask, triangle flask and other common laboratory utensils.
* The cleaning rack can be flexibly selected according to the cleaning items, and is highly compatible with common laboratory utensils.
* Microcomputer control system, stable performance, reliable quality.
* Complete functions, including standard washing, strengthening washing, fast washing three modules, covering most of the cleaning scenarios.
* Real-time display of operating data, water temperature, time, cleaning agent dosage can be freely set.
* Small size, less water, electricity, cleaning agent consumption, energy saving and environmental protection.

Cleaning Racks:


BKIR36B Injection Rack


BKIR52B Injection Rack


BKIR126B Injection Rack


BKIR6018B Injection Rack


BKBR02B Medical apparatus rack


BKBR04B Test tube rack

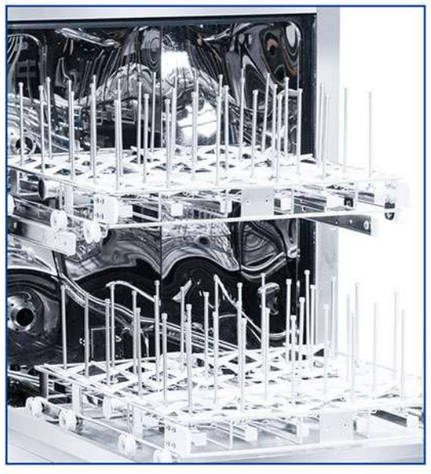

BKPDR9024B Petri-dish rack

Technical Parameters:

Model	BK-LW60	
Cleaning	Capacity	90L
	Washer Load Level	1
	Water Wash Power	0.29KW
	Water Heater Power	3KW
	MAX. Power	3.5KW
	Water Consumption/Step	8L
	Tank Internal Temperature	0~99℃
	Water Supply Pressure	0.3~1.0Mpa
	Peristaltic Pump for Cleaning Agent	2 independent pumps control detergent agent and neutralizing agent
	Cleaning Agent Level Sensor	YES
	Washing Pump	Sweden 150L/min
	Standard Cleaning Racks	Select the following cleaning rack(one)
Drying	Drying Function	NO
	Steam Condenser	NO
	Dry Power	NO
Control System and Traceability	Control System	4.3" color LCD touch screen display, microprocessor
	Cleaning Program	3 pre-set programs(editable)
	Password Protection	3 levels password
	Safety Emergency Button	NO
	USB Port	YES
	Integrated Printer	NO
	Online Monitor Performance of Washing	NO
Dimensions& Weight	Chamber Dimension(W*D*H)	470*462*422mm
	Exterior Dimension(W*D*H)	529*648*650mm
	Package Dimension(W*D*H)	650*780*850mm
	Net Weight(Host only)	65kg
	Gross Weight(Host with rack)	104kg
Others	Door	Foam SS door
	Safety Door Lock	YES
	Built-in RO Water Pump	YES
	Noise	<50dB
	Power Supply	AC220V, 50Hz(Standard); AC220V, 60Hz; 110V, 50/60Hz(Optional)

Lab Automatic Glassware Washer





Features:

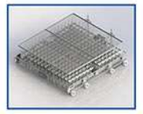
* The cleaning agent is automatically and quantitatively added by peristaltic pump.
* PLC micro-computer control, self-setting cleaning procedures, automatic operation, with audit tracking, three-level authority, automatic alarm and other management, monitoring functions.
* Two water inlets controlled by electromagnetic valve, users can choose the tap water and pure water in wash and rinse phase.
* Pure water inlet adopts built-in booster pump, which can directly inhale pure water without external booster.
* With overflow protection, if there is too much water in cleaning chamber, the program will been stopped after alarm, and the water will be automatically drained at the same time.
* Independent drainage pump, with the water seal design of the drainage pipeline to prevent the backflow of sewage.
* The cleaning agent shortage reminder function, which can remind operators to add cleaning agent in time.

Cleaning Racks:


BKBR01A Beaker Rack


BKIR20A Injection Rack


BKIR36A Standard Rack


BKIR210A Tube/Sample injection bottle rack


BKIR8018A Combined Rack


BKPR56A Pipette rack


BKPDR9044LA Petri-dish Rack-lower


BKPDR9044UA Petri-dish Rack-Upper

Technical Parameters:

Model	BK-LW200A	
Cleaning	Capacity	200L
	Washer Load Level	2
	Water Wash Power	0.75KW
	Water Heater Power	3KW
	MAX. Power	4KW
	Water Consumption/Step	15L
	Tank Internal Temperature	0~99℃
	Water Supply Pressure	0.3~1.0Mpa
	Peristaltic Pump for Cleaning Agent	2 independent pumps control detergent agent and neutralizing agent
	Cleaning Agent Level Sensor	YES
	Washing Pump	Sweden 430L/min
	Standard Cleaning Racks	BKIR36A*2
Drying	Drying Function	NO
	Steam Condenser	NO
	Dry Power	NO
Control System and Traceability	Control System	7" color LCD touch screen display, microprocessor
	Cleaning Program	12 pre-set programs(editable)+99 PLC free programming
	Password Protection	3 levels password
	Safety Emergency Button	NO
	USB Port	YES
	Integrated Printer	NO
	Online Monitor Performance of Washing	NO
Dimensions& Weight	Chamber Dimension(W*D*H)	526*542*645mm
	Exterior Dimension(W*D*H)	600*860*1040mm
	Package Dimension(W*D*H)	720*980*1230mm
	Net Weight(Host only)	125kg
	Gross Weight(Host with rack)	165kg
Others	Door	Foam SS door
	Safety Door Lock	YES
	Built-in RO Water Pump	YES
	Noise	<50dB
	Power Supply	AC220V, 50Hz(Standard); AC220V, 60Hz; 110V, 50/60Hz(Optional)

Lab Automatic Glassware Washer



BK-LW120



BK-LW220/320

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℃, while hot air drying temperature can reach 120℃;
* 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 cutomized 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:



Standard Rack (BKIR36)



Beaker Rack (BKBR01)



Combined Rack (BKIR11218)



Measuring Cylinder Rack (BKIR38)



Injection Rack (BKIR30)



Petri-dish Rack-Lower (BKPDR9070L)



Petri-dish Rack-Upper (BKPDR9070U)



Pipette Rack (BKPR60)



Rubber Tube Rack (BKRTR20)

Technical Parameters:

Model		BK-LW120	BK-LW220		BK-LW320	
Cleaning	Capacity	120L	220L		320L	
	Washer Load Level	1	2		3	
	Water Wash Power	0.75KW	0.75KW		1.5KW	
	Water Heater Power	5KW	5KW	15KW	5KW	15KW
	MAX. Power	6KW	6KW	16KW	7KW	17KW
	Water Consumption/Step	17L	20L		22L	
	Tank Internal Temperature	0~99℃				
	Water Supply Pressure	0.3~1.0Mpa				
	Peristaltic Pump for Cleaning Agent	2 independent pumps control detergent agent and neutralizing agent				
	Cleaning Agent Level Sensor	YES				
	Washing Pump	Sweden 430L/min	Sweden 800L/min		Sweden 1000L/min	
	Standard Cleaning Racks	BKIR36*1	BKIR36*2		BKIR36*3	
Drying	Drying Function	YES				
	Steam Condenser	YES				
	Dry Power	3KW	3.6KW		3.6KW	
Control System and Traceability	Control System	7" color LCD touch screen display, microprocessor				
	Cleaning Program	12 pre-set programs(editable)+99 PLC free programming				
	Password Protection	3 levels password				
	Safety Emergency Button	YES				
	USB Port	YES				
	Integrated Printer	Optional				
	Online Monitor Performance of Washing	Optional				
Dimensions & Weight	Chamber Dimension(W*D*H)	600*629*539mm	600*629*754mm		600*629*915mm	
	Exterior Dimension(W*D*H)	980*740*870mm	695*870*1820mm		695*870*1990mm	
	Package Dimension(W*D*H)	1110*940*1075mm	810*990*2015mm		810*990*2185mm	
	Net Weight(Host only)	169kg	220kg		237kg	
	Gross Weight(Host with rack)	200kg	300kg		320kg	
Others	Door	Double-layered glass door				
	Safety Door Lock	YES				
	Built-in RO Water Pump	YES				
	Noise	<50dB	<55dB			
	Power Supply	AC220V, 50Hz (Standard); AC110V, 50/60Hz; 220V, 60Hz(Optional)	AC220V, 50Hz; 380V, 50Hz(Standard); AC110V, 50/60Hz; AC220V, 60Hz; 220V, 60Hz(Three phase), 380V, 60Hz(Optional)			

Double Door Automatic Glassware Washer



BK-LW220D/BK-LW320D



BK-LW420D



Standard cleaning rack(4 Layers)



Standard cleaning rack(5 Layers)



Toughened glass door (BK-LW220D/BK-LW320D)



LCD display

Features:

* Two toughened glass doors, prevent cross infection.
* Color LCD touch screen, advanced programmable control system with twelve 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℃ 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	
Cleaning	Capacity	220L	320L		420L	
	Washer Load Level	2	3		2	
	Water Wash Power	0.75KW	1.5KW		1.5KW	
	Water Heater Power	5KW	5KW	15KW	5KW	15KW
	MAX. Power	6KW	7KW	17KW	7KW	17KW
	Water Consumption/Step	20L	22L		25L	
	Tank Internal Temperature	0~99℃				
	Water Supply Pressure	0.3~1.0Mpa				
	Peristaltic Pump for Cleaning Agent	2 independent pumps control detergent agent and neutralizing agent				
	Cleaning Agent Level Sensor	YES				
	Washing Pump	Sweden 800L/min	Sweden 1000L/min		Sweden 1000L/min	
	Standard Cleaning Racks	4 Layers	5 Layers			
		BK01-220*1	BK01-320*1		BK01-420*1	
Drying	Drying Function	YES				
	Steam Condenser	NO				
	Dry Power	3.6KW	3.6KW		3KW	
Control System and Traceability	Control System	7" color LCD touch screen display, microprocessor				
	Cleaning Program	12 pre-set programs(editable)+100 PLC free programming				
	Password Protection	3 levels password				
	Safety Emergency Button	YES				
	USB Port	YES				
	Integrated Printer	YES				
	Online Monitor Performance of Washing	Optional				
Dimensions & Weight	Chamber Dimension(W*D*H)	600*629*830mm	600*629*990mm		688*700*703mm	
	Exterior Dimension(W*D*H)	960*805*1865mm	960*805*2025mm		1110*900*2165mm	
	Package Dimension(W*D*H)	1100*950* 2150mm	1100*950*2180mm		1230*1070*2290mm	
	Net Weight(Host only)	320kg	340kg		370kg	
	Gross Weight(Host with rack)	420kg	440kg		460kg	
Others	Door	Double-layered glass door, 2 doors, manual			Double-layered glass door, 2 doors, electric	
	Safety Door Lock	YES				
	Built-in RO Water Pump	YES				
	Noise	<55dB	<55dB		<60dB	
	Optional Accessories	Trolly(BK01)				
	Power Supply	AC220V, 50Hz; 380V, 50Hz(Standard); AC380V,60Hz; 220V, 60Hz ;220V, 60Hz(Three phase); 110V, 50/60Hz(Optional)				

Automatic Drinking Bottle Washer



Introduction:

Automatic drinking bottle washer is born for the laboratory animal industry, suitable for the automatic cleaning and disinfection of drinking water bottles for laboratory animals.

Features:

* Equipped with preheating water tank to reduce the cleaning water heating waiting time.
* 4-6 minutes quick cleaning, can clean 72 drinking bottles at a time.
* Original imported European circulation pump, large circulation design, strong spray, stable quality, effectively improving the cleaning effect.
* The final rinse water is used for the next cleaning, saving water.
* 7 inch color LCD touch screen, easy to operate.
* Independently design and develop control systems to meet various operation and management needs.

Technical Parameters:

Model	BK-CW330	BK-CW330Z
Capacity	330L	
Cleaning Volume	200ml drinking bottle can be cleaned 180, 500ml drinking bottle can be cleaned 72.	
Opening Mode	Manual	
Control System	PLC/Siemens	
Touch Screen	7 Inch	
Cleaning Time	Quick cleaning program can be cleaned once in 4~6 minutes	
Cleaning Temperature	＞60℃(Adjustable)	
Rinsing Temperature	＞82℃(Adjustable)	
Drying Temperature	RT~120℃(Optional)	
Heating Method	Electric Heating	Steam Heating
Steam source	/	Pressure: 0.3-0.5Mpa, Flow Rate: 50Kg/h
Water Source	Softened Water: Pressure: 0.2-0.5Mpa, Flow Rate: 15L/min	
Consumption	31KW	2KW
Power Supply	AC380/220V, 50Hz	AC380/220V, 50Hz
Power Supply(Optional)	AC220V, 60Hz;220V, 60Hz(Three phase); 380V, 60Hz; 110V, 50/60Hz	
External Size(W*D*H)	690*790*1950mm	
Net Weight	240kg	
Package Size(W*D*H)	810*990*2185mm	
Gross Weight	320kg	

Automatic Animal Cage Washer



Introduction:

Automatic animal cage washer is suitable for automatic cleaning, disinfection and drying of animal cages, drinking bottles, feed boxes and other utensils in laboratory animal feeding.

Features:

* Different batches and the same batch cleaning point cleaning effect is the same.
* Realize the traceability management of cleaning data.
* 7 inch color LCD touch screen, easy to operate.
* Equipped with preheating water tank to reduce water heating preparation time.
* The fast cleaning program can be cleaned once in 4-6 minutes to meet the fast cleaning.
* Up to 40 mouse IVC cages can be cleaned at a time.
* Through automatic program control of cleaning process and monitoring of key parameters, to achieve automated and standardized cleaning.

Technical Parameters:

Model	BKCW-1500	BKCW-1500Z
Capacity	1500L	
Cleaning Volume	Up to 40 mouse IVC cages can be cleaned	
Opening Mode	Automatic	
Control System	PLC/Siemens	
Touch Screen	7 Inch	
Cleaning Time	Quick cleaning program can be cleaned once in 4~6 minutes	
Cleaning Temperature	＞60°C(Adjustable)	
Rinsing Temperature	＞82°C(Adjustable)	
Drying Temperature	RT~120℃(Optional)	
Heating Method	Electric Heating	Steam Heating
Steam Source	/	Pressure: 0.3-0.5Mpa, Flow Rate: 50Kg/h
Water Source	Softened Water:Pressure:0.2-0.5Mpa,Flow Rate: 25L/min	
Consumption	34KW	4KW
Power Supply	AC380V, 50Hz	
Power Supply(Optional)	AC220V, 60Hz(Three phase); 380V, 60Hz	
External Size(W*D*H)	2140*925*1950mm	
Net Weight	420kg	
Package Size(W*D*H)	2250*1050*2160mm	
Gross Weight	500kg	

Lab Automatic Glassware Washer



BK-LW300P



BK-LW360



BK-LW100P



BK-LW200Pro

Features:

* 7.1 inch color LCD touch screen, easy to operate.
* With automatic fault diagnosis program.
* Three-level password permission management for easy supervision.
* The exterior is made of 304 brushed stainless steel, resistant to corrosion.
* Standard HEPA filter with filtration efficiency >99.99%.
* It adopts an exclusive mold design process for spray pipes. The spray pipe is integrally formed by injection molding, which avoids scratches on labware caused by conventional stainless steel spray tubes and eliminates cleaning dead corners arising from split welded structures.

Technical Parameters:

Model		BK-LW100P	BK-LW200Pro	BK-LW300P	BK-LW360
Cleaning	Capacity	120L	206L	308L	380L
	Washer Load Level	1	2	2	3
	Water Wash Power	0.75KW	0.75KW	1.5KW	1.5KW
	Water Heater Power	2KW	4KW	6KW	6KW
	MAX. Power	4KW	5KW	7.5KW	7.5KW
	Water Consumption/Step	18-24L		38-45L	50-55L
	Tank Internal Temperature	0~95℃			
	Water Supply Pressure	＞0.2Mpa			
	Peristaltic Pump for Cleaning Agent	2			
	Cleaning Agent Level Sensor	YES			
	Washing Pump	Sweden 295L/min	Sweden 430L/min	Sweden 950L/min	Sweden 950L/min
	Cleaning Racks	Optional			
Drying	Drying Function	YES			
	Steam Condenser	YES			
	Dry Power	2.4KW	2.4KW	3.6KW	3.6KW
Control System and Traceability	Control System	7" color LCD touch screen display, MCU		7" color LCD touch screen display, PLC	
	Cleaning Program	7 pre-set programs+ Numerous MCU free programming		7 pre-set programs+8 PLC free programming	
	Password Protection	3 levels password			
	Safety Emergency Button	YES			
	USB Port	Optional			
	Integrated Printer	Optional			
	On-line Conductivity Detection	Optional			
	Water Leakage Alarm	Optional			
	Online Monitor Performance of Washing	NO		Optional	
Dimensions & Weight	Chamber Dimension(W*D*H)	552*565*500mm	552*565*653mm	690*670*966mm	632*680*1260mm
	Exterior Dimension(W*D*H)	908*716*800mm	909*715*998mm	701*845*1830mm	701*845*1880mm
	Package Dimension(W*D*H)	1000*1050*1150mm	1000*1050*1300mm	950*1100*2200mm	1000*1200*2200mm
	Net Weight(Host only	135kg	155kg	230kg	270kg
	Gross Weight(Host with rack)	200kg	220kg	280kg	330kg
Others	Door	304 stainless steel			
	Safety Door Lock	YES			
	Built-in RO Water Pump	YES			
	Noise	<65dB			
	Power Supply	AC220V, 50Hz (Standard); 220V, 60Hz(Optional); AC110V, 50/60Hz (External transformer) (Optional)	AC220V, 50Hz (Standard); 220V, 60Hz(Optional); AC110V, 50/60Hz (External transformer) (Optional)	AC380V, 50Hz (Standard); 380V, 60Hz; 220V, 50/60Hz; (Optional) AC110V, 50/60Hz(External transformer) (Optional)	AC380V, 50Hz (Standard); 380V, 60Hz; 220V, 50/60Hz; (Optional) AC110V, 50/60Hz(External transformer) (Optional)

BK-LW100P and BK-LW200Pro cleaning racks:


BKDR201
8-bit 1/4 distribution rack


BKDR202
8-bit 1/4 distribution rack


BKDR203
8-bit 1/4 distribution rack


BKDR204
18-bit 1/4 distribution rack


BKDR205
18-bit 1/4 distribution rack


BKDR206
18-bit 1/4 distribution rack


BKDR207
32-bit 1/4 distribution rack


BKDR208
32-bit 1/4 distribution rack


BKDR209
32-bit 1/4 distribution rack


BKDR210
50-bit 1/4 distribution rack


BKDR211
50-bit 1/4 distribution rack


BKDR212
96-bit 1/4 distribution rack


BKDWR213
Petri dish cleaning rack


BKPDR214
Pipette 1/4 distribution rack


BKSCF215
Standard cleaning frame


BKDCF216
Petri dish cleaning frame

BK-LW300P and BK-LW360 cleaning racks:


BKDR3601
8-bit 1/4 distribution rack


BKDR3602
8-bit 1/4 distribution rack


BKDR3603
8-bit 1/4 distribution rack


BKDR3604
18-bit 1/4 distribution rack


BKDR3605
18-bit 1/4 distribution rack


BKDR3606
18-bit 1/4 distribution rack


BKDR3607
32-bit 1/4 distribution rack


BKKDR3608
32-bit 1/4 distribution rack


BKDR3609
32-bit 1/4 distribution rack


BKDR3610
50-bit 1/4 distribution rack

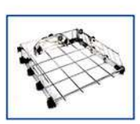

BKDR3611
50-bit 1/4 distribution rack


BKDR3612
105-bit 1/4 distribution rack


BKDR3613
160-bit 1/4 distribution rack


BKDWR3614
Petri dish cleaning rack


BKPDR3615
Pipette 1/4 distribution rack


BKSCF3616
Standard cleaning frame


BKDCF17
Petri dish cleaning frame

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