

**BIOBASE®**



BIOBASE CHINA

# ***Disinfection And Sterilization Solution***

Table Top Autoclave / Vertical Autoclave / Horizontal Autoclave / Pulse Vacuum Autoclave /  
Portable Autoclave / Large Autoclave / Hot Air Sterilizer / Gas Sterilizer / Air Sterilizer / Washer Disinfector

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**2019**

# About Us

Founded in 1999, having over 2000 employees (till August, 2017), BIOBASE Group is a new high-tech enterprise focusing on development, production and management of scientific equipment, In Vitro Diagnosis (IVD) instrument and reagent.

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

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

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

BIOBASE has set up branch offices in 24 provinces in China, and has also set up warehouses in the United States, India, UAE and Jordan. We now have long-term business partners in more than 130 countries.

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



ISO9001



ISO13485



ISO14001

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Autoclave

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

Table Top Autoclave Class N Series



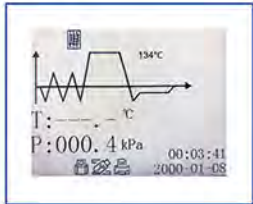
Product Function:

- \* Adopting European N standard, with thermal vacuum and drying functions, it can be used for A-type hollow instruments and solid instruments. Thermodynamic vacuum guarantees elimination of cold air from the cavity and makes sure that reaches the optimal effect of sterilization.
- \* Specially design for dental clinic field, it could sterilize 12 pieces hand piece at same time, simply and efficiently.
- \* Microprocessor control, LED display and modularized panel for easy operation.
- \* Automatic malfunction detection system makes easy maintaining.

Technical Parameters:

| Model                  | BKM-Z12N                                     | BKM-Z18N    | BKM-Z24N    |
|------------------------|----------------------------------------------|-------------|-------------|
| Capacity               | 12L                                          | 18L         | 24L         |
| Chamber Size(mm)       | φ200*360                                     | φ245*350    | φ245*450    |
| Sterilization Class    | Class N (according to EN 13060 standard)     |             |             |
| Sterilization Temp.    | 121℃, 134℃                                   |             |             |
| Drying Procedure       | Heating dry                                  |             |             |
| Display                | LED display                                  |             |             |
| Control Precision      | Temperature: 1℃                              |             |             |
|                        | Pressure: 0.1bar                             |             |             |
| Safety System          | Hand lock door                               |             |             |
|                        | Relief valve in case of over pressure        |             |             |
|                        | Pressure or temperature over load protection |             |             |
|                        | Alarm for system failure, finish reminding   |             |             |
| Tray Holder            | 3 pcs SS trays on SS shelf                   |             |             |
| Chamber                | SUS304                                       |             |             |
|                        | Max working pressure: 2.3bar                 |             |             |
|                        | Min working pressure: 1.1bar                 |             |             |
|                        | Max temperature: 145℃                        |             |             |
| Ambient Temp.          | 5~40℃                                        |             |             |
| Noise                  | <50dB                                        |             |             |
| Consumption            | 1400W                                        | 1500W       | 1700W       |
| Power Supply           | AC110/220V±10%, 60/50Hz                      |             |             |
| External Size(W*D*H)mm | 560*450*400                                  | 560*450*400 | 670*450*400 |
| Package Size(W*D*H)mm  | 660*525*495                                  | 660*525*495 | 770*525*495 |
| Gross Weight(kg)       | 50                                           | 53          | 60          |

Table Top Autoclave Class B Series



Features:

- \* Built-in open type water tank  
The sterilizer adopts easy-clean open type water tank which can support repeated program running if fully injected with water.
- \* High-efficiency ultimate vacuum  
The sterilizer adopts high-efficiency low noise vacuum system which has excellent effects.
- \* Large LCD display for BKM-Z18/24B  
The LCD screen can display temperature, pressure, time, operating status, failure warning and other information. It is convenient for customers to observe the sterilizer running status.
- \* Multiple program types  
The system has various programs that include: packed items, unpacked items, custom program, rapid program, BD testing program, vacuum testing program, preheat program and drying program.
- \* Optional USB port for BKM-Z18/24B  
Users can store the sterilization data with USB disk.
- \* Optional mini printer can be attached to record the process of sterilization.

Technical Parameters:

| Model                     | BKM-Z16B                                                                              | BKM-Z18B                 | BKM-Z24B    |
|---------------------------|---------------------------------------------------------------------------------------|--------------------------|-------------|
| Capacity                  | 16L                                                                                   | 18L                      | 24L         |
| Chamber Size(mm)          | φ230*360                                                                              | φ247*360                 | φ247*470    |
| Sterilization Class       | Class B (according to GB0646)                                                         |                          |             |
| Sterilization Temperature | 121℃, 134℃                                                                            |                          |             |
| Special Program           | HIV, HBV long-sterilization program                                                   | /                        |             |
| Drying System             | Vacuum drying system                                                                  |                          |             |
| Display                   | LED display                                                                           | LCD display              |             |
| Testing System            | B&D Test                                                                              |                          |             |
|                           | Vacuum Test                                                                           |                          |             |
|                           | Helix Test                                                                            |                          |             |
| Control Precision         | Temperature: 1℃<br>Pressure: 0.1bar                                                   |                          |             |
| Sterilization Data        | BKM-Z16B: Printer(optional)<br>BKM-Z18B/BKM-Z24B: USB(standard) and printer(optional) |                          |             |
| Safety System             | Hand lock door                                                                        |                          |             |
|                           | Pressure lock system                                                                  |                          |             |
|                           | Relief valve in case of over pressure                                                 |                          |             |
|                           | Pressure or temperature over load protection                                          |                          |             |
|                           | Alarm for system failure, finish reminding, water level warning                       |                          |             |
| Water Supply System       | Build-in water tank easy to clean                                                     |                          |             |
| Water Tank Capacity       | 2L                                                                                    | 4L                       |             |
| Water Consumption         | 0.4L in one cycle                                                                     | 0.16L~0.18L in one cycle |             |
| Tray Holder               | 3 pcs SS trays on SS shelf                                                            |                          |             |
| Chamber                   | SUS304                                                                                |                          |             |
|                           | Max working pressure: 2.3bar                                                          |                          |             |
|                           | Min working pressure: -0.9bar                                                         |                          |             |
|                           | Design temperature: 140℃                                                              |                          |             |
| Ambient Temp.             | 5~40℃                                                                                 |                          |             |
| Noise                     | <50dB                                                                                 |                          |             |
| Consumption               | 1800W                                                                                 | 1950W                    | 1950W       |
| Power Supply              | AC110/220V±10%, 50/60Hz                                                               |                          |             |
| External Size(W*D*H)mm    | 445*550*395                                                                           | 495*600*410              | 495*700*410 |
| Package Size(W*D*H)mm     | 670*550*500                                                                           | 630*830*670              | 630*830*670 |
| Gross Weight(kg)          | 47                                                                                    | 70                       | 75          |

Note: It is applicable to the altitude below 3,500m

Table Top Autoclave Class B series

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

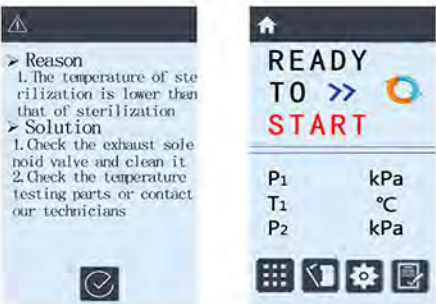


Features:

\* Brand-new operation interface

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

There are different color changes in each stage of sterilization. It is convenient for users to observe the sterilizer running status. More importantly, the fault alarm not only displays the fault code, but also automatically displays the reason analysis and solution.

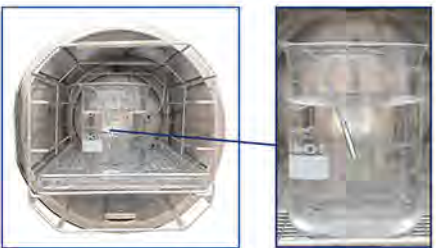


\* Multiple safety protection devices

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

\* Mobile temperature sensor

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



\* Automatic door structure

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

\* Vacuuming system

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

\* A variety of programs

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



\* Other features

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

Technical Parameters:

| Model                     | BKM-Z45B                | BKM-Z60B     | BKM-Z80B |
|---------------------------|-------------------------|--------------|----------|
| Capacity                  | 45L                     | 60L          | 80L      |
| Chamber Size(mm)          | φ316*621                | φ386*520     | φ386*692 |
| Design Pressure           | -0.1/0.28MPa            |              |          |
| Sterilization Temperature | 105℃~138℃               |              |          |
| Chamber Material          | SUS304                  |              |          |
| Ambient Temp.             | 5℃~40℃                  |              |          |
| Consumption               | 5.8KW                   | 6.2KW        |          |
| Power Supply              | AC110/220V±10%, 50/60Hz |              |          |
| External Size(W*D*H)mm    | 610*1000*560            | 805*1140*622 |          |
| Package Size(W*D*H)mm     | 750*1200*850            | 906*1276*850 |          |
| Gross Weight(kg)          | 145                     | 170          | 180      |

Note: It is applicable to the altitude below 3,500m

Table Top Autoclave Class B Series

BKM-BIII series sterilizer is a Class B table top sterilizer. As a type of high pressure sterilizer, it takes steam as its sterilization medium which is fast, safe and economic. They are common used in stomatology department, ophthalmology department, operating room and CSSD to make the sterilization for wrapped or unwrapped instrument, fabric, utensils, culture medium, unsealed liquid, etc.



BKM-Z18B(III)/24B(III)/45B(III)



BKM-Z60B(III)/80B(III)

Features:

Built-in open type water tank

- a. Easy-clean open type water tank
- b. Water quality monitor
- c. Water filter inside
- d. Water level sensor
- e. A fully injected water tank can support repeated program running.



Brand-new operation interface

The LCD screen can display temperature, pressure, time, operating status, error and alarm information, etc. It is convenient for users to observe the sterilizer running status.



Multiple security protective device

Over temperature automatic protective device, multiple control and protection for steam generator, door safety interlock protection and dual chamber overpressure protection, electronic circuit safety device.

Automatic door

BKM-Z18/24/45BIII series adopt automatic door structure, fast and simple operation, protecting operators from scald. BKM-60/80BIII series adopt multipoint synchronous linkage pressing technology, reliable and durable.

Efficient vacuum

Efficient vacuum system, low working noise, vacuum lowest limit can reach over -90KPa, vacuum in high speed, perfect drying performance, thorough sterilization.

Multiple program types

Sterilization programs: Unwrapped, wrapped, rubber, user 01, N-quick, B-quick, prion test program: BD& Helix, Leakage test.

Auxiliary program: Preheat, drying, washing.

High-efficiency steam generator

BKM-Z18/24/45BIII adopt build-in instant steam generator. BKM-60/80BIII adopt build-in energy-storing type steam generator producing steam in high speed and large quantity.

Other features

Pulse vacuum, heating, sterilization, exhausting, vacuum drying totally automatic.

The chamber is heated by film heater, saving energy and time.

Record type: built-in printer (Standard)

Electronic storage: USB flash disk (Optional)

Loading tray



Type A



Type B



Type C  
(Optional for 45/60/80L)

Technical Parameters:

| Model                   | BKM-Z18B(III)           | BKM-Z24B(III) | BKM-Z45B(III)       | BKM-Z60B(III) | BKM-Z80B(III) |
|-------------------------|-------------------------|---------------|---------------------|---------------|---------------|
| Capacity                | 18 L                    | 24L           | 45L                 | 60L           | 80L           |
| Chamber Size(mm)        | φ250*350                | φ250*450      | φ316*618            | φ386*595      | φ386*717      |
| Design Pressure         | -0.1/0.3MPa             |               |                     |               |               |
| Design Temp.            | 144℃                    |               |                     |               |               |
| Temp. Range             | 105~138℃                |               |                     |               |               |
| Chamber Material        | SUS304                  |               |                     |               |               |
| Standard Loading Tray   | Type A                  |               | Type B              |               |               |
| Consumption             | 2.6KW                   |               | 5.8KW               | 7.4KW         |               |
| Power Supply            | AC110/220V±10%, 50/60Hz |               | AC220V±10%, 50/60Hz |               |               |
| External Size(W*D*H) mm | 530*560*450             | 530*660*450   | 640*830*550         | 730*1002*560  | 730*1002*560  |
| Package Size(W*D*H) mm  | 720*780*680             | 720*880*700   | 750*1015*730        | 830*1180*795  | 830*1180*795  |
| Gross Weight(kg)        | 70                      | 80            | 140                 | 185           | 205           |

Table Top Autoclave Class S Series

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



BKM-Z24S/45S



BKM-Z80S

Features:

Built-in open type water tank

- a. Easy-clean open type water tank
- b. Water quality monitor
- c. Water filter inside
- d. Water level sensor
- e. A fully injected water tank can support repeated program running.



Brand-new operation interface

The LCD screen can display temperature, pressure, time, operating status, error and alarm information, etc. It is convenient for users to observe the sterilizer running status.



Multiple safety protection devices

Over temperature automatic protective device, multiple control and protection for steam generator, door safety interlock protection and dual chamber overpressure protection, electronic circuit safety device.

Automatic door structure

BKM-Z24/45S series adopt automatic door structure, fast and simple operation, protecting operators from scald.  
BKM-Z80S series adopt multipoint synchronous linkage pressing technology, reliable and durable.

A variety of programs

Sterilization programs: Unwrapped, Wrapped, Rubber, User01, N-Quick  
Auxiliary program: Preheat, Washing

Efficiency steam generator

BKM-Z24/45S series adopts build-in instant steam generator. BKM-Z80S adopts build-in energy-storage type steam generator producing steam in high speed and large quantity.

Other features

Heating, sterilization, exhausting, drying totally automatic.  
Chamber is heated by film heater, saving energy and time.  
Record type: built-in printer (Standard)  
Electronic storage: USB flash disk (Optional)

Loading tray



Type A



Type B



Type C(Optional for 45/80L)

Technical Parameters:

| Model                   | BKM-Z24S                | BKM-Z45S     | BKM-Z80S            |
|-------------------------|-------------------------|--------------|---------------------|
| Capacity                | 24L                     | 45L          | 80L                 |
| Chamber Size(mm)        | φ250*450                | φ316*618     | φ385*717            |
| Design Pressure         | -0.1/0.3MPa             |              |                     |
| Design Temp.            | 144℃                    |              |                     |
| Temp. Range             | 105~138℃                |              |                     |
| Chamber Material        | SUS304                  |              |                     |
| Standard Loading Tray   | Type A                  | Type B       |                     |
| Consumption             | 2.6KW                   | 5.8KW        | 7.4KW               |
| Power Supply            | AC110/220V±10%, 50/60Hz |              | AC220V±10%, 50/60Hz |
| External Size(W*D*H) mm | 530*660*450             | 640*855*550  | 730*1050*560        |
| Package Size(W*D*H) mm  | 720*880*700             | 750*1015*730 | 830*1180*795        |
| Gross Weight(kg)        | 80                      | 140          | 205                 |

Table Top Dental Sterilizer



BKM-Z8B

Features:

- \* Microcomputer control, LCD display and simple operation interface.
- \* The newly designed type with opening water tank on the top, which makes washing and cleaning much more convenient.
- \* Small capacity design more suitable for clinic requirement, saving space and moving easily.

Optional Accessory: Mini Printer

Technical Parameters:

| Model                  | BKM-Z8B                 | BKM-Z12B |
|------------------------|-------------------------|----------|
| Capacity               | 8L                      | 12L      |
| Chamber Size(mm)       | φ170*320                | φ192*320 |
| Sterilization Class    | Class B                 |          |
| Sterilization Temp.    | 121℃, 134℃              |          |
| Chamber Material       | SUS304                  |          |
| Max Working Pressure   | 0.25Mpa                 |          |
| Max Working Temp.      | 145℃                    |          |
| Consumption            | 1.4KW                   |          |
| Power Supply           | AC110/220V±10%, 50/60Hz |          |
| External Size(W*D*H)mm | 540*370*360             |          |
| Package Size(W*D*H)mm  | 615*440*425             |          |
| Gross Weight(kg)       | 45                      | 50       |

Portable Autoclave

Range of Application:

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

Features:

- \* Easy operation, safe and reliable.
- \* The sealing ring is made of silicon rubber.
- \* Two safety valves keep double safety (for timing control type).
- \* It has self-adjustment function (for timing control type)
- \* It is well sealed and effectively prevents steam leakage.
- \* Over temperature & over pressure auto-protection.
- \* Electric heating or gas heating can be used (for Dual fuel Type).
- \* The sterilizer is provided with a power switch, user can control the operation easily.
- \* Immersion type electric heating pipe, thermal efficiency is high, stainless steel material tube is durable to use.
- \* Steam-water inner circulation system: No steam discharge and the environment for sterilizing will be clean and dry.
- \* Double groove pressure gauge, could clearly indicate, convenient observation, reliable performance.
- \* When at lower water level, or at the end of heat preservation time, have buzzer alarm, timing control type will automatically stop heating (for timing control type).

Technical Parameters:

| Model                 | BKM-P18(D)                    | BKM-P24(D)  | BKM-P18(A)            | BKM-P24(A)  | BKM-P18(B)     | BKM-P24(B)              |
|-----------------------|-------------------------------|-------------|-----------------------|-------------|----------------|-------------------------|
| Type                  | Timing control type           |             | Anti-dry out type     |             | Dual fuel Type |                         |
| Capacity              | 18L                           | 24L         | 18L                   | 24L         | 18L            | 24L                     |
| Chamber Size(mm)      | φ280*210                      | φ280*310    | φ280*210              | φ280*310    | φ280*210       | φ280*390                |
| Time Setting          | 1~99min                       |             | NO                    |             |                |                         |
| Temperature Setting   | RT+5~126℃                     |             | 126℃(default) or 121℃ |             |                | 126℃                    |
| Consumption           | 2KW                           |             |                       |             |                |                         |
| Power Supply          | AC220V, 50/60Hz               |             |                       |             |                | AC110/220V±10%, 50/60Hz |
| Working Pressure      | Along with temperature change |             | 0.142Mpa              |             |                | 0.165MPa                |
| Package Size(W*D*H)mm | 420*420*650                   | 420*420*740 | 420*420*650           | 420*420*740 | 420*420*470    | 410*410*550             |
| Gross Weight(kg)      | 12                            | 14          | 12                    | 14          | 8              | 17                      |



Timing control type



Anti-dry out type



Dual fuel type

Cassette Sterilizer

Application:

It is used for the repaid sterilization of small intruments in stomatology, ophthalmology, E.N.T. department, gynecology, operating room, etc.



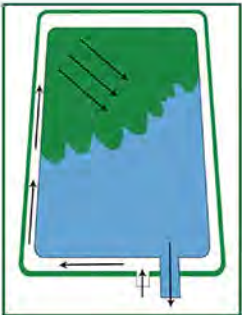
Features:

- \* It only takes 6-7 minutes for the shortest sterilization cycle which can extend service life of the instrument
- \* Three shortcut keys for sterilization programs, the sterilization temperature and time can be set freely
- \* Alarm for unqualified water and water shortage, the autoclave will stop working when there is a low temperature and low pressure
- \* Small dimension, light weight, easy to operate, the cassette can be also used for instrument transfer and temporary storage

Schematic Diagram:

The steam generator heats to the optimum temperature when the sterilization program started. The distilled water is pumped into the generator and converted into steam immediately, then the steam is injected into the cassette which is loaded with instruments to be sterilized. The polluted air in the cassette is exhausted after the steam is injected.

Forced Air Removal Design



Details:



Simple operation



Standard printer, real-time record for sterilization process

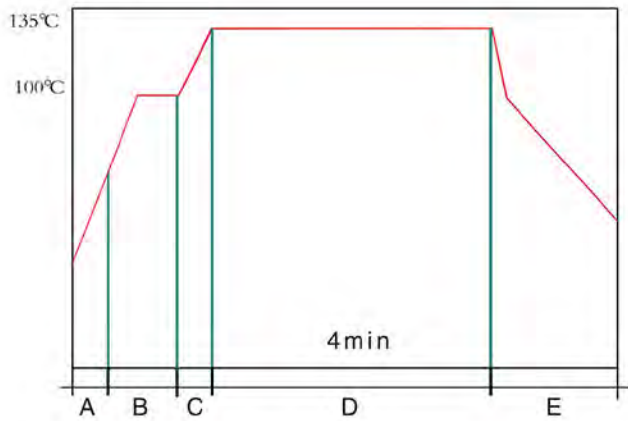


Ultra-thin cassette box design makes heating and cooling faster



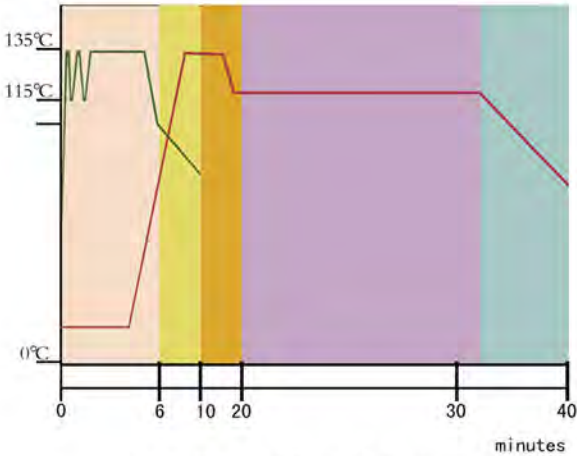
0.22µm Biofilter

Working Curve:



Sterilization Chart

A. Air removal B. Warming up  
C. Pressurizing D. Sterilizing E. Venting



Sterilization Cycle Comparison

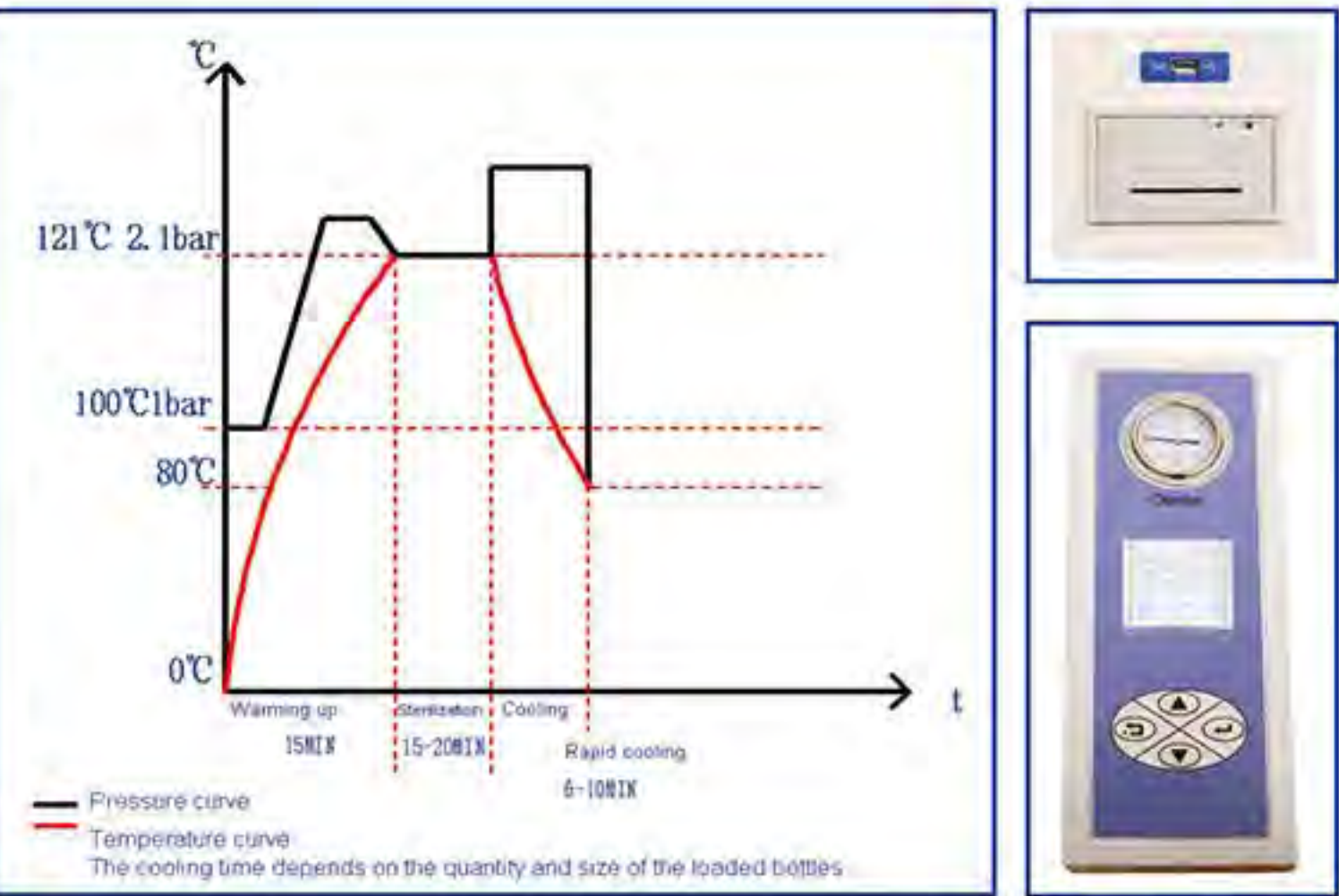
Advantages:  
Shorter cycle time, higher efficiency

Technical Parameters:

| Model                  | BKS-2000                                                                      | BKS-5000    | BKS-6000   |
|------------------------|-------------------------------------------------------------------------------|-------------|------------|
| Capacity               | 1.8L                                                                          | 5.2L        | 6.0L       |
| Chamber Size(W*D*H)mm  | 280*180*38                                                                    | 380*180*78  | 480*180*78 |
| External Size(W*D*H)mm | 570*415*170                                                                   | 580*460*190 |            |
| Steam Temp.            | 115°C~135°C (Selectable)                                                      |             |            |
| Ambient Temp.          | 5~40°C                                                                        |             |            |
| Working Pressure       | 42KPa~212KPa                                                                  |             |            |
| Chamber Material       | SUS304                                                                        |             |            |
| Water Tank Volume      | 3.4L                                                                          |             |            |
| Standard Accessories   | Instrument loading tray*1, Waste water tank*1, Drain hose*1, Printing paper*2 |             |            |
| Power Supply           | AC110/220V±10%, 50/60Hz                                                       |             |            |
| Package Size(W*D*H)mm  | 580*580*700                                                                   |             |            |
| Net Weight(kg)         | 34                                                                            | 46          |            |
| Gross Weight(kg)       | 49                                                                            | 61          |            |

Vertical Autoclave

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



Features:

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

Technical Parameters:

| Model                  | BKQ-B50L                | BKQ-B75L |
|------------------------|-------------------------|----------|
| Capacity               | 50L                     | 75L      |
| Chamber Size(mm)       | φ386*490                | φ386*670 |
| Chamber Material       | SUS304                  |          |
| Designed Pressure      | 0.28Mpa                 |          |
| Designed Temp          | 150℃                    |          |
| Working Pressure       | 0.22MPa                 |          |
| Working Temp.          | 80℃~136℃                |          |
| Temp. Display Accuracy | 0.1℃                    |          |
| Noise                  | ≤65dB                   |          |
| Consumption            | 5.5KW                   |          |
| Power Supply           | AC110/220V±10%, 50/60Hz |          |
| SS Basket              | 1 pc                    |          |
| External Size(W*D*H)mm | 700*610*1100            |          |
| Package Size(W*D*H)mm  | 800*715*1270            |          |
| Gross Weight(kg)       | 140                     | 147      |

Vertical Pulse Vacuum Autoclave



Features:

- \* Steam water internal circulation.
- \* Pulse vacuum exhaust to ensure the effect of steam sterilization.
- \* Mobile probe detects the internal temperature of liquid directly, to ensure the sterilization effect of liquid program.
- \* Efficient vacuum pumping system.The ultimate vacuum can reach more than -90KPa. Low noise,fast pumping speed, good dryness. The sterilization is more thorough.
- \* LCD screen display shows pressure, temperature, time, running status, error codes and operation curve etc.
- \* Selectable programs for packed, unpacked, dressings, rubber, liquid, liquid custom, solid custom, sterilization of medium, dissolution of medium, B&D testing and vacuum testing etc.
- \* Complete process of preheating, replacement, pulse exhaust, heating, sterilizing and drying run automatically.
- \* 0.22μm Sterilization high efficiency air filter.The filtration efficiency is higher than 99.5%, ensuring that the vacuum-depleted air is sterile air to prevent re-pollution of sterile materials.
- \* Standard built-in printer for recording the information during the entire sterilization process.

Technical Parameters:

| Model                   | BKQ-B50V                | BKQ-B75V |
|-------------------------|-------------------------|----------|
| Capacity                | 50L                     | 75L      |
| Chamber Size(mm)        | φ386×490                | φ386x670 |
| Design Pressure         | -0.1~0.28MPa            |          |
| Chamber Material        | SUS304                  |          |
| Design Temperature      | 142℃                    |          |
| Vacuum System           | Eject vacuum system     |          |
| Working Temp.           | 105~137℃                |          |
| Consumption             | 5.5KW                   |          |
| Power Supply            | AC110/220V±10%, 50/60Hz |          |
| Environment Temperature | 5~40℃                   |          |
| SS Basket               | 1 pc                    |          |
| External Size(W*D*H)mm  | 700*610*1100            |          |
| Package Size(W*D*H)mm   | 800*715*1270            |          |
| Gross Weight(kg)        | 150                     | 155      |

Note: It is applicable to the altitude below 3,500m

Vertical Autoclave



Application Range:

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

Safety Features:

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

Technical Features:

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

Technical Parameters:

| Model                       | BKQ-B50II               | BKQ-B75II    | BKQ-B100II   | BKQ-B120II   | BKQ-B150II               | BKQ-B200II   |
|-----------------------------|-------------------------|--------------|--------------|--------------|--------------------------|--------------|
| Capacity                    | 50L                     | 75L          | 100L         | 120L         | 150L                     | 200L         |
| Chamber Size(mm)            | φ386*514                | φ386*694     | φ386*874     | φ386*1054    | φ500*760                 | φ500*1000    |
| Chamber Material            | SUS304                  |              |              |              |                          |              |
| Designed Pressure           | 0.28Mpa                 |              |              |              | 0.24Mpa                  |              |
| Designed Temp               | 150℃                    |              |              |              | 138℃                     |              |
| Working Pressure            | 0.22MPa                 |              |              |              | 0.217MPa                 |              |
| Working Temp.               | 105~136℃                |              |              |              | 50~134℃                  |              |
| Temp. Display Accuracy      | ±0.1℃                   |              |              |              |                          |              |
| Timing Range                | 0~999min                |              |              |              | 0~99h                    |              |
| Dynamic Pulse Exhaust Times | 0~9 times               |              |              |              |                          |              |
| Dynamic Pulse Exhaust Temp. | 105~134℃                |              |              |              |                          |              |
| Dissolution Temp. Range     | 60~100℃(programmable)   |              |              |              |                          |              |
| Temp. Holding Range         | 40~60℃(programmable)    |              |              |              |                          |              |
| Consumption                 | 4.4KW                   | 4.7KW        | 5.2KW        | 5.2KW        | 6KW                      |              |
| Power Supply                | AC110/220V±10%, 50/60Hz |              |              |              | 380V, 50Hz/220V, 50/60Hz |              |
| SS Basket                   | 1 pc                    | 2 pcs        | 2 pcs        | 3 pcs        | 3 pcs                    | 4 pcs        |
| External Size(W*D*H)mm      | 640*550*970             | 640*550*1070 | 640*550*1270 | 640*550*1370 | 650*650*1400             | 650*650*1700 |
| Package Size(W*D*H)mm       | 750*745*1100            | 750*745*1240 | 750*745*1450 | 750*745*1540 | 800*760*1500             | 800*760*1720 |
| Gross Weight(kg)            | 102                     | 112          | 125          | 140          | 190                      | 238          |

Note: It is applicable to the altitude below 3,500m

Vertical Autoclave

Application Range:

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



Safety Features:

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

Technical Features:

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

Technical Parameters:

| Model                      | BKQ-Z30I                               | BKQ-Z50I     | BKQ-Z75I                    | BKQ-Z100I    |
|----------------------------|----------------------------------------|--------------|-----------------------------|--------------|
| Capacity                   | 30L                                    | 50L          | 75L                         | 100L         |
| Chamber Size(mm)           | φ385*412                               | φ385*515     | φ385*715                    | φ385*915     |
| Chamber Material           | SUS304                                 |              |                             |              |
| Max Pressure               | 0.3MPa                                 |              |                             |              |
| Rated Working Pressure     | 0.22MPa                                |              |                             |              |
| Max Temperature            | 150℃                                   |              |                             |              |
| Working Temp Range         | 105~134℃                               |              |                             |              |
| Temp. Display Accuracy     | ±0.1℃                                  |              |                             |              |
| Timing Range               | 0~999min                               |              |                             |              |
| Dynamic Pulse Exhaust Time | 0~9times                               |              |                             |              |
| Water Requirement          | Distilled water or demineralized water |              |                             |              |
| Standard Accessories       | Stainless steel basket*1pc             |              | Stainless steel basket*2pcs |              |
| Consumption                | 4KW                                    |              |                             |              |
| Power Supply               | AC110/220V±10%, 50/60Hz                |              |                             |              |
| External Size(W*D*H)mm     | 645*610*710                            | 645*610*850  | 645*610*1000                | 645*610*1200 |
| Package Size(W*D*H)mm      | 780*690*980                            | 780*690*1190 | 780*690*1310                | 780*690*1510 |
| Gross Weight(kg)           | 109                                    | 113          | 128                         | 132          |

Note: It is applicable to the altitude below 3,500m

Horizontal Autoclave

Application:

It is applicable for the sterilization of unpacked solid instrument in department of stomatology, ophthalmology, operation room and CSSD.

Features:

- \* Sterilizing programs for fabric, instrument, rubber and liquid.
- \* Touch screen display of temperature, pressure, time, running status and failure warning.
- \* Post-drying function makes the residual humidity of sterilized articles less than 3%.
- \* The positive pressure air-exhaust system to exhaust the cold air from chamber.
- \* Equipped with printer to print date, time and process parameters.
- \* Build-in efficient steam generator, microcomputer temperature control.
- \* Perfect four-level authority management system to avoid mis-operation.



Technical Parameters:

| Model                   | BKQ-B100(H)    | BKQ-B150(H)   | BKQ-B200(H)   | BKQ-B300(H)    |
|-------------------------|----------------|---------------|---------------|----------------|
| Capacity                | 100L           | 135L          | 185L          | 300L           |
| Chamber Size(mm)        | φ400*850       | φ500*710      | φ500*950      | φ632*1000      |
| Chamber Material        | SUS304         |               |               |                |
| Max Working Pressure    | 0.25Mpa        |               |               |                |
| Working Temp.           | 115~138℃       |               |               |                |
| Temp Accuracy           | ±0.1℃          |               |               |                |
| Consumption             | 10KW           | 11KW          |               | 17KW           |
| Power Supply            | 380V, 50HZ     |               |               |                |
| External Size(L*W*H) mm | 1250*730*1660  | 1110*750*1742 | 1350*750*1742 | 1400*890*1780  |
| Package Size(L*W*H) mm  | 1450*1000*1950 | 1370*890*2060 | 1510*890*2060 | 1700*1050*2090 |
| Gross Weight(kg)        | 310            | 470           | 540           | 830            |

Horizontal Pulse Vacuum Autoclave

Application:

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

Features:

- \* Built-in efficient steam generator, microcomputer temperature control.
- \* Equipped with printer to print date, time and process parameters.
- \* Perfect four-level authority management system to avoid mis-operation.
- \* Sterilization programs for fabric, instrument, rubber, liquid, cavity, B&D test, PCD test and leakage test.
- \* Intelligent drying system to guarantee the residual humidity of instrument and dressing no more than 0.2% and 1% respectively.
- \* Over-heat auto protection device, dual door safety lock device, over pressure relief valve, short circuit protection, and overpressure protection.
- \* LCD displays temperature, pressure, time, running status, failure and warning code.



Technical Parameters:

| Model                   | BKQ-Z100(H)    | BKQ-Z150(H)   | BKQ-Z200(H)   | BKQ-Z300(H)    |
|-------------------------|----------------|---------------|---------------|----------------|
| Capacity                | 100L           | 135L          | 185L          | 300L           |
| Chamber Size(mm)        | φ400*850       | φ500*710      | φ500*950      | φ632*1000      |
| Chamber Material        | SUS304         |               |               |                |
| Max Working Pressure    | 0.25Mpa        |               |               |                |
| Vacuum Limit            | -0.08MPa       |               |               |                |
| Working Temp.           | 115~138℃       |               |               |                |
| Temp Accuracy           | ±0.1℃          |               |               |                |
| Consumption             | 11KW           | 11.5KW        |               | 18KW           |
| Power Supply            | 380V, 50Hz     |               |               |                |
| External Size(L*W*H) mm | 1250*730*1660  | 1110*750*1742 | 1350*750*1742 | 1400*890*1780  |
| Package Size(L*W*H) mm  | 1450*1000*1950 | 1370*890*2060 | 1510*890*2060 | 1700*1050*2090 |
| Gross Weight(kg)        | 310            | 470           | 540           | 830            |

Horizontal Pulse Vacuum Autoclave

Application:

Pulsating vacuum sterilizer extracts vacuum and fills steam into the sterilization room for many times to make the sterilization room 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 can be widely used in department of stomatology and ophthalmology, operating room and other medical institutions. It is suitable for all wrapped or unwrapped solid instrument, A-class cavity instrument (dental hand-pieces and endoscopes), implantable instrument, dressing fabric and rubber tubes, etc.



Features:

- \* Maintenance reminder function, easy for users to maintain equipment, replace vulnerable parts.
- \* The air in the chamber is sterile and avoids re-contamination.
- \* Sterilization data output: standard micro-printer, no separate external connection.
- \* Adopt quick-release side cover and top cover for easy maintenance and cleaning.
- \* 7-inch color LCD touch screen can display temperature, pressure, operation state, fault alarm and other information at the same time.
- \* Strong vacuum drying system, the vacuum degree can be up to -93kpa, after drying, the residual humidity of device doesn't exceed 0.25%, the residual humidity of dressing doesn't exceed 1%.
- \* Micro-controller programmable control technology.
- \* Full protective door cover, effectively prevent burns.
- \* The equipment adopt self-expanding sealing ring, sealing performance is more reliable and stable.
- \* The closing method adopts a multi-point pressing structure of the radiation rod, safe and reliable.
- \* The equipment is connected to the water source without manual replenishment. After the customer chooses the program, the equipment can complete the whole process from water injection to drying without human intervention. After the program is completed, the sound prompts sterilization to be completed.

- \* Built-in high speed steam generator, no external steam source, save time and effort.
- \* With mobile temperature sensor, can meet the special requirements of the laboratory.
- \* Pressure, mechanical and electronic three-layer safety interlock device, with over-temperature protection and over-pressure protection, can eliminate all safety risks.
- \* Safe and high quality solenoid valve
- \* Spring relief valve: Special purpose for pressure steam sterilization equipment .
- \* High efficiency water circulating vacuum pump. High vacuum efficiency, low noise, vacuum capacity up to -93kpa.
- \* The sterilization chamber adopts 304 stainless steel electrolytic polishing, beautiful and generous; using ring jacket structure, so that the internal heat is uniform and the structure is more stable and reliable.



Safety Devices:

- \* Overheating protection.
- \* Emergency stop switch.
- \* Over current and leakage safety device.
- \* Multiple control and protection of steam generator.
- \* Circuit safety device.
- \* Door interlock device.
- \* Double over-pressure protection.

Technical Parameters:

| Model                  | BKQ-Z150H              | BKQ-Z200H      | BKQ-Z260H      | BKQ-Z300H      |
|------------------------|------------------------|----------------|----------------|----------------|
| Capacity               | 150L                   | 200L           | 260L           | 300L           |
| Chamber Size(mm)       | φ500*766               | φ500*1050      | φ650*930       | φ650*1050      |
| Chamber Material       | SUS304                 |                |                |                |
| Max Designed Pressure  | 0.3Mpa                 |                |                |                |
| Vacuum System          | Water ring vacuum pump |                |                |                |
| Vacuum Limit           | -93KPa                 |                |                |                |
| Temp. Accuracy         | ±0.1℃                  |                |                |                |
| Working Temp.          | 115~138℃               |                |                |                |
| Working Pressure       | 0.22Mpa                |                |                |                |
| Consumption            | 15KW                   |                |                |                |
| Power Supply           | 380V, 50Hz             |                |                |                |
| External Size(W*D*H)mm | 1080*940*1780          | 1290*940*1780  | 1380*1170*1970 | 1380*1170*1970 |
| Package Size(W*D*H)mm  | 1280*1140*1980         | 1490*1140*1980 | 1580*1370*2170 | 1580*1370*2170 |
| Net Weight(kg)         | 420                    | 500            | 700            | 750            |
| Gross Weight(kg)       | 485                    | 565            | 765            | 815            |

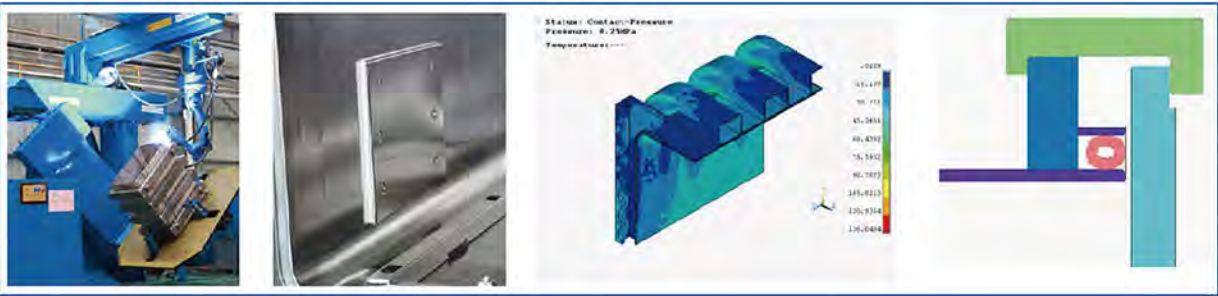
Large Horizontal Autoclave



Features:

Superb chamber machining and welding process

The acid-proof stainless steel chamber and jacket are automatically robot-welded to guarantee long time and trouble-free operation.



Nice chamber surface

Surface smoothness, Ra≤0.5; No welding part or bolt in the chamber which effectively protect the items to be sterilized. Steam baffle plates are surrounded by silicon rubber protecting the chamber surface.

Reliable and durable chamber

Chamber is designed according to professional analytical method. High-emulation software ANSYS is used for chamber simulation. Design service life: 10 years (or 20000 times sterilization)

Reasonable sealing structure

Compact designed sealing groove, durable circular hollow silicon gasket, sealed by compressed air.

Hanged door automatically

The door is driven by a motor automatically, stable and easy operation. Door concave-convex tooth structure ensures its safety and durability.



Precise pressure detecting and control

Intelligent pressure transmitters, Wika(Germany), ensure steam pressure detecting and control both in Chamber and jacket.

Unique vacuum noise-reduction system

LNS low-noise and water-saving vacuum system, effective reduced the noise during running.

Humanized operation system

Colorful touch screen on loading-side, 6 indicating lamps on unloading sides, which are concise, vivid and exactly showing sterilizing running status and alarming information.

Reasonable pipeline layout

All the popes, calves and components are designed and installed in single side, which is more convenience for repair and maintenance. The sterilizers can be installed against the wall and also, two sterilizers can use the same maintenance space to save installation space.

Scientific Design Parameters, Wide Scope of Application:

| Item                         | Chamber   | Jacket |
|------------------------------|-----------|--------|
| Design Pressure (Mpa)        | -0.1/0.3  | 0.3    |
| Design Temperature (°C)      | 144       | 144    |
| Working Pressure (Mpa)       | -0.1/0.25 | 0.25   |
| Max Working Temperature (°C) | 139       | 139    |
| Safety Valve Open Pressure   | 0.28      | 0.28   |

Loading-side Panel:



- 7.0" SIEMENS color display touch screen  
CPU226 SIEMENS PLC as central processor
- Display Information:

- \* Jacket pressure P1
  - \* Chamber pressure P2
  - \* Chamber temperature T2
  - \* Door operation
  - \* Printer ON/OFF
  - \* Operator ID and password
  - \* Alarm display and record
  - \* Program selection
  - \* System parameter setting
  - \* Manual operation
  - \* Cycle process and values in real time
- A variety of program:

- \* Fabric 121°C and 134°C
  - \* Instrument 121°C and 134°C
  - \* Liquid 121°C
  - \* Rubber 121°C
  - \* Flash 134°C
  - \* Gravity 121°C
  - \* Automatic leak test
  - \* User-defined
  - \* Demo

Unloading-side Panel:



- Humanistic indicating system:
- \* Back door closing indicating lamp
  - \* Back door closed lamp
  - \* Cycle running lamp
  - \* Cycle end indicating lamp
  - \* Breakdown indicating lamp
  - \* Power lamp

Sterilization consumables:



| Model      | Meaning                                                                         |
|------------|---------------------------------------------------------------------------------|
| 350        | Chamber volume(L)                                                               |
| S/D        | Door: S-double door, D-single door                                              |
| No marks/D | Steam supply: no marks-outer steam supply(optional); D-built-in steam generator |
| A/B        | Installation: A-Shelf loading; B-Loading by cart and trolley                    |

Technical Parameters:

| Model       | Volume | Chamber Size (W*H*L) | External Size (W*H*L) | Net Weight | Power Consumption | Power Supply |
|-------------|--------|----------------------|-----------------------|------------|-------------------|--------------|
| BKQ-140D-A  | 146L   | 420*420*830mm        | 1290*1680*1050mm      | 425 Kg     | 2.5KW             | 380V, 50Hz   |
| BKQ-140DD-A |        |                      | 1290*1680*1100mm      | 525 Kg     | 18KW              |              |
| BKQ-140S-A  |        |                      |                       | 510 Kg     | 2.5KW             |              |
| BKQ-140SD-A |        |                      |                       | 610 Kg     | 18KW              |              |
| BKQ-240D-A  | 241L   | 600*600*740mm        | 1370*1880*950mm       | 580 Kg     | 2.5KW             | 380V, 50Hz   |
| BKQ-240DD-A |        |                      | 1370*1880*1000mm      | 660 Kg     | 24KW              |              |
| BKQ-240S-A  |        |                      |                       | 660 Kg     | 2.5KW             |              |
| BKQ-240SD-A |        |                      |                       | 720 Kg     | 24KW              |              |
| BKQ-350D-A  | 352L   | 600*600*980mm        | 1215*1880*1190mm      | 780 Kg     | 2.5KW             | 380V, 50Hz   |
| BKQ-350DD-A |        |                      | 1215*1880*1240mm      | 880 Kg     | 24KW              |              |
| BKQ-350S-A  |        |                      |                       | 860 Kg     | 2.5KW             | 380V, 50Hz   |
| BKQ-350SD-A |        |                      | 1215*1880*1190mm      | 960 Kg     | 24KW              |              |
| BKQ-350D-B  |        |                      | 1215*1880*1190mm      | 880 Kg     | 2.5KW             |              |
| BKQ-350DD-B |        |                      |                       | 1000 Kg    | 24KW              |              |
| BKQ-350S-B  |        |                      | 1215*1880*1240mm      | 960 Kg     | 2.5KW             |              |
| BKQ-350SD-B |        |                      |                       | 1080 Kg    | 24KW              |              |
| BKQ-650D-B  | 655L   | 610*910*1180mm       | 1310*2070*1370mm      | 1170 Kg    | 4KW               | 380V, 50Hz   |
| BKQ-650DD-B |        |                      | 1310*2070*1420mm      | 1270 Kg    | 46KW              |              |
| BKQ-650S-B  |        |                      |                       | 1270 Kg    | 4KW               |              |
| BKQ-650SD-B |        |                      |                       | 1370 Kg    | 46KW              |              |
| BKQ-810D-B  | 810L   | 610*910*1460mm       | 1310*2070*1650mm      | 1260 Kg    | 4KW               | 380V, 50Hz   |
| BKQ-810DD-B |        |                      | 1310*2070*1700mm      | 1360 Kg    | 61KW              |              |
| BKQ-810S-B  |        |                      |                       | 1360 Kg    | 4KW               |              |
| BKQ-810SD-B |        |                      |                       | 1460 Kg    | 61Kw              |              |
| BKQ-990D-B  | 999L   | 610*910*1800mm       | 1310*2070*1990mm      | 1300 Kg    | 4KW               | 380V, 50Hz   |
| BKQ-990DD-B |        |                      | 1310*2070*2040mm      | 1400 Kg    | 61KW              |              |
| BKQ-990S-B  |        |                      |                       | 1400 Kg    | 4KW               |              |
| BKQ-990SD-B |        |                      |                       | 1500 Kg    | 61KW              |              |
| BKQ-1200D-B | 1203L  | 680*1180*1500mm      | 1450*1990*1710mm      | 1950 Kg    | 5KW               | 380V, 50Hz   |
| BKQ-1200S-B |        |                      | 1450*1990*1760mm      | 2050 Kg    | 5KW               |              |
| BKQ-1500D-B | 1500L  | 680*1180*1870mm      | 1450*1990*2080mm      | 2111 Kg    | 5KW               | 380V, 50Hz   |
| BKQ-1500S-B |        |                      | 1450*1990*2130mm      | 2211 Kg    | 5KW               |              |

Horizontal Cylindrical Pressure Autoclave



- Features:**
  - \* Drying function.
  - \* Automatic sterilization process.
  - \* Safety valve for over pressure protection.
  - \* Over-temperature, over-pressure protection device.
- \* Interlock function.
  - \* 304 stainless steel material chamber.
  - \* Automatically in case of low water level.
  - \* Water level sensor. The power will be cut-off

Technical Parameters:

| Model                       | BKQ-H150           | BKQ-H200      | BKQ-H300      | BKQ-H400       | BKQ-H500       |
|-----------------------------|--------------------|---------------|---------------|----------------|----------------|
| Capacity                    | 150L               | 200L          | 280L          | 400L           | 500L           |
| Chamber Size(mm)            | φ440*1000          | φ515*1000     | φ600*1000     | φ700*1100      | φ700*1300      |
| Working Pressure            | 0.22MPa            |               |               |                |                |
| Working Temp.               | 134℃               |               |               |                |                |
| Temperature Range           | 105~134℃           |               |               |                |                |
| Sterilization Time          | 0~60 min           |               |               |                |                |
| Drying Time                 | 0~60 min           |               |               |                |                |
| Temp. Display Accuracy      | ≤±2℃               |               |               |                |                |
| Consumption                 | 9KW                |               | 12KW          | 18KW           |                |
| Power Supply                | 220V/380V, 50/60Hz |               | 380V, 50Hz    |                |                |
| External Size<br>(W*D*H) mm | 1400*600*1300      | 1400*670*1650 | 1400*770*1780 | 1430*880*1830  | 1800*900*1820  |
| Package Size<br>(W*D*H) mm  | 1550*750*1850      | 1560*820*1850 | 1680*920*2100 | 1600*1050*2100 | 1850*1050*2100 |
| Gross Weight(kg)            | 320                | 350           | 465           | 530            | 580            |

Hot Air Sterilizer

**Application:**

Hot air sterilizer is used to sterilize small surgical instrument, glass, petri dishes etc.

This device is suitable for medical and veterinary clinics, hospitals, pharmacies, health care centers, and laboratories.



HAS-T25/HAS-T50/HAS-T105/HAS-T200
 HAS-T70

- Features:**
  - \* Adjustable sterilization time.
  - \* Over-temperature alarm.
  - \* Fan inside, fully sealed inside, no air circulation with external air, temperature rise fast.
  - \* High precision microprocessor temperature control; 304 stainless steel inner chamber.
- \* Top air outlet with adjustable air volume.
  - \* Heating up fast, forced-air convection, fast sterilization.

Technical Parameters:

| Model                   | HAS-T25                 | HAS-T50     | HAS-T70      | HAS-T105    | HAS-T200     |
|-------------------------|-------------------------|-------------|--------------|-------------|--------------|
| Capacity                | 25L                     | 50L         | 70L          | 105L        | 200L         |
| Temp. Range             | RT+10~250℃              |             |              |             |              |
| Temp. Precision         | 0.1℃                    |             |              |             |              |
| Temp. Fluctuation       | ±0.5℃                   |             |              |             |              |
| Ambient Temp.           | 5~40℃                   |             |              |             |              |
| Timing Range            | 1~9999min               |             |              |             |              |
| Shelves No.             | 2 pcs                   |             |              |             |              |
| Consumption             | 500W                    | 750W        | 1050W        | 1500W       | 2000W        |
| Power Supply            | AC110/220V±10%, 50/60Hz |             |              |             |              |
| Internal Size(W*D*H) mm | 300*300*270             | 420*350*350 | 400*375*470  | 550*350*520 | 600*550*570  |
| External Size(W*D*H) mm | 590*470*440             | 710*520*520 | 540*550*870  | 840*540*720 | 890*730*770  |
| Package Size(W*D*H) mm  | 710*600*550             | 810*640*600 | 670*660*1040 | 950*680*880 | 1020*890*930 |
| Gross Weight(kg)        | 45                      | 50          | 75           | 80          | 100          |

## Glass Bead Sterilizer

### Application:

The glass bead sterilizer is commonly used to sterilize forceps, scissors, tweezers, scalpels, needles, inoculation loops, etc. And the small size can be placed on any Laminar Air Flow Work benches or any other works tables in a clean room atmosphere.

### Features:

- \* The sterilization is quick, easy and accurate.
- \* Material: stainless steel \* The glass bead is reusable.
- \* Once switched 'ON', the units are ready to use within 15 Minutes and ensure total sterilization by destruction of all Micro-Organisms within 10 seconds.



GBS-5000B

### Technical Parameters:

| Model                     | GBS-5000A               | GBS-5000B   |
|---------------------------|-------------------------|-------------|
| Temp. Range               | 100~300℃                |             |
| Temp. Accuracy            | ±5℃                     |             |
| Heating Time to Max. Temp | ≤25min to reach 300℃    |             |
| Ambient Temp.             | 5℃~40℃                  |             |
| Chamber Size(mm)          | φ40*80                  | φ40*140     |
| Weight of Glass Bead      | 150g                    | 300g        |
| Consumption               | 120W                    | 250W        |
| Power Supply              | AC110/220V±10%, 50/60Hz |             |
| External Size(W*D*H)mm    | 130*145*155             | 130*145*215 |
| Package Size(W*D*H)mm     | 420*340*260             | 420*340*260 |
| Gross Weight(kg)          | 4.5                     | 5.5         |

## Infrared Sterilizer

It adopts infrared thermal energy sterilization method, easy operation, no pollution to the environment, safe and convenient, and can completely replace alcohol lamps. It is widely used in biological safety cabinets, clean benches, exhaust fans, mobile vehicles and other environments for microbial experiments.

### Features:

- \* Safe and convenient, can completely replace alcohol lamp.
- \* Small size, light weight, beautiful appearance and easy to clean.
- \* The heater can be arbitrarily adjusted at an elevation angle of 30° and a depression angle of 45°.
- \* The highest temperature is 930 °C + 30 °C, sterilization need only 2-5 seconds, can be completed quickly.
- \* Heating is divided into low temperature range and high temperature range.
- \* Ceramic tube heating parts are made of high quality 95 porcelain: high wear resistance, corrosion resistance, high temperature resistance and water repellency.



### Technical Parameters:

| Model                        | TYPE-I           | TYPE-II      |
|------------------------------|------------------|--------------|
| Heating caliber(mm)          | φ36              | φ26          |
| Sterilizable caliber(mm)     | ≤φ35             | ≤φ15         |
| Max temp./standby temp.      | 900±30℃/550℃     | 930±30℃/600℃ |
| Working Temp. Range          | -10℃~40℃         |              |
| Environment Humidity         | ≤95%             |              |
| Fuse                         | 250V; 2A; φ5*20  |              |
| Consumption                  | 180W             | 150W         |
| Power supply                 | AC220V±10%, 50Hz |              |
| Package Size(W*D*H)mm        | 290*200*110      |              |
| Net weight /Gross weight(kg) | 1.2/1.5          | 1.3/1.5      |

## UV Air Sterilizer(Mobile)

### Application:

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

### Features:

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



### Technical Parameters:

| Model                  | BK-Y-600                | BK-Y-800 |
|------------------------|-------------------------|----------|
| Circulating Air        | ≥600m³/h                | ≥800m³/h |
| Noise                  | ≤55dB                   |          |
| O <sub>3</sub> Residue | ≤0.0074mg/m³            |          |
| Applicable Room        | ≤60m³                   | ≤80m³    |
| Ultraviolet Leakage    | ≤5μw/cm²                |          |
| Working Temp. Range    | -10℃~40℃                |          |
| Environment Humidity   | ≤80%                    |          |
| Atmosphere Pressure    | 60KPa~106KPa            |          |
| Consumption            | ≤350W                   |          |
| Power Supply           | AC110/220V±10%, 50/60Hz |          |
| External Size(W*D*H)mm | 540*420*900             |          |
| Package Size(W*D*H)mm  | 580*490*960             |          |
| Gross Weight(kg)       | 22                      | 22.5     |

UV Air Sterilizer(Wall Mounted)

Application:

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



Features:

- \* Large LCD display.
- \* Timing function of UV lamp cumulative use.
- \* Three modes of operation: Automatic, Artificial, Timing.
- \* Built-in high brightness, long life, ozone - free, U - type UV lamp.
- \* Automatic fault alarm function: UV lamp tube, motor, negative ion, plasma and O<sub>3</sub>.
- \* Within 24 hours, four periods of disinfection can be set and memory function can be provided.
- \* Automatically detect and display the temperature and humidity of the disinfection space in real time.
- \* Single chip microcomputer control, stable and reliable. Touch panel operation, convenient for man-machine interaction.
- \* The super-infrared receiving device can realize long-distance remote control and easy operation at any 45 degrees.  
A built-in hidden remote control is placed to prevent the remote from being lost.
- \* Adopt the structure of bottom air inlet and top air outlet. The silent fan circulates the air to prevent the cold air from blowing directly to the user.
- \* High quality mirror plate is used to enhance the radiation intensity of ultraviolet lamp and improve the sterilization efficiency.
- \* Automatically detect and display indoor air quality. When the air pollution index exceeds the standard, it will automatically start up and purify.

Technical Parameters:

| Model                  |                     | BK-B-600                | BK-B-800 | BK-B-1000    |
|------------------------|---------------------|-------------------------|----------|--------------|
| Circulating Air        |                     | ≥600m³/h                | ≥800m³/h | ≥1000m³/h    |
| Noise                  |                     | ≤55dB                   |          |              |
| O <sub>3</sub> Residue |                     | ≤0.0074mg/m³            |          |              |
| Applicable Room        |                     | ≤60m³                   | ≤80m³    | ≤100m³       |
| Ultraviolet Leakage    |                     | ≤5μw/cm²                |          |              |
| Working Environment    | Temp.Range          | -10℃~40℃                |          |              |
|                        | Humidity            | ≤80%                    |          |              |
|                        | Atmosphere Pressure | 60KPa~106KPa            |          |              |
| Consumption            |                     | ≤350W                   |          | ≤400W        |
| Power Supply           |                     | AC110/220V±10%, 50/60Hz |          |              |
| External Size(W*D*H)mm |                     | 1000*410*195            |          | 1000*450*195 |
| Package Size(W*D*H)mm  |                     | 1100*520*240            |          | 1150*560*240 |
| Gross Weight(kg)       |                     | 27.5                    |          | 33           |

UV Air Sterilizer(Floor Standing)

Application:

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



Features:

- \* Large LCD display.
- \* Timing function of UV lamp cumulative use.
- \* Three modes of operation: Automatic, Artificial, Timing.
- \* Built-in high brightness, long life, ozone - free, U - type UV lamp.
- \* Single chip microcomputer control, stable and reliable.  
Touch panel operation, convenient for man-machine interaction.
- \* The super-infrared receiving device can realize long-distance remote control and easy operation at any 45 degrees. A built-in hidden remote control is placed to prevent the remote from being lost.
- \* Automatically detect and display indoor air quality. When the air pollution index exceeds the standard, it will automatically start up and purify.
- \* Adopt the structure of bottom air inlet and top air outlet. The silent fan circulates the air to prevent the cold air from blowing directly to the user.
- \* High quality mirror plate is used to enhance the radiation intensity of ultraviolet lamp and improve the sterilization efficiency.
- \* Automatic fault alarm function: UV lamp tube, motor, negative ion, plasma and O<sub>3</sub>.
- \* Within 24 hours, four periods of disinfection can be set and memory function can be provided.
- \* Automatically detect and display the temperature and humidity of the disinfection space in real time.

Technical Parameters:

| Model                  |            | BK-G-1200               |
|------------------------|------------|-------------------------|
| Circulating Air        |            | ≥1200m³/h               |
| Noise                  |            | ≤55dB                   |
| O <sub>3</sub> Residue |            | ≤0.0074mg/m³            |
| Applicable Room        |            | ≤120m³                  |
| Ultraviolet Leakage    |            | ≤5μw/cm²                |
| Working Environment    | Temp.Range | -10℃~40℃                |
|                        | Humidity   | ≤80%                    |
|                        | Atmosphere | 60KPa~106KPa            |
| Consumption            |            | ≤400W                   |
| Power Supply           |            | AC110/220V±10%, 50/60Hz |
| External Size(W*D*H)mm |            | 532*330*1691            |
| Package Size(W*D*H)mm  |            | 585*380*1830            |
| Gross Weight(kg)       |            | 55.6                    |

## Gas Sterilizer

### H<sub>2</sub>O<sub>2</sub> Low Temperature Plasma Sterilizer



BKQ-PS100X



BKQ-PS100XP



BKQ-PS40X



BKQ-PS200X

#### Production Introduction:

BIOBASE Plasma sterilizer takes H<sub>2</sub>O<sub>2</sub> as sterilizing agent and from plasmatic state of H<sub>2</sub>O<sub>2</sub> by electromagnetic field under low temperature. It combines both gaseous and plasmatic H<sub>2</sub>O<sub>2</sub> to make sterilization for the items in chamber and decomposed the residual H<sub>2</sub>O<sub>2</sub> after sterilization.

It is widely used in CSSD or other medical institute for the sterilization of electric wire and cable, optical glasses and glass lens, power equipment and batteries, endoscopes, catheter, nonmetallic and other wet or heat sensitive instruments.

#### Application:

The sterilizer is applicable to sterilize the medical instruments that are thermo labile or non-moisture tight. It is not applicable to the sterilization of liquid, powder or cotton fabrics. All the medical instruments that meet the following conditions can be processed by this type of sterilizer.

##### BKQ-PS100:

Medical tubular instrument: inner diameter≥1mm, length≤500mm

Nonmetal tubular instrument: inner diameter ≥1mm, length≤2000mm

##### BKQ-PS200:

Medical tubular instrument: inner diameter≥0.8mm, length≤300mm

Nonmetal tubular instrument: inner diameter ≥1mm, length≤1000mm

#### Product Features:

##### \* Low temperature sterilization

The sterilization temperature is 50±5°C which is much lower than steam sterilization. It is dry sterilization that has no harm on instrument, so it extends the device service life.

##### \* Safe and environment friendly

The matter after sterilization is water and oxygen molecule that have no toxic harm to staff or patient, and there is no need for drainage or air exhausting. High efficient H<sub>2</sub>O<sub>2</sub> filter is installed in the exhausting outlet to guarantee no H<sub>2</sub>O<sub>2</sub> pollution to the environment.

##### \* Convenient

Only power supply is needed for installation. The system adopts man-machine control interface with intelligent program design. Equipped with foot switch (optional) and integrated biological incubator (optional).

##### \* Multiple models

The door structure of the sterilizer is customizable (single or double door). To meet pharmaceutical factory needs, chamber material can be stainless steel.

##### \* Reliable sterilization

The chamber adopts alloy material which has good thermal conductivity to guarantee a stable temperature in the chamber. The purification system makes the H<sub>2</sub>O<sub>2</sub> diffused uniformly. The low temperature storage system provides a stable concentration of H<sub>2</sub>O<sub>2</sub>.

##### \* Safe sealing door

The sterilizer adopts mandrill-driving auto overhead door with reliable sealing function and safe lock device to guarantee personal safety.

##### \* Data management

The 2048M storage (optional) can store original data for inquiring. Mini printer can be used to print operation data timely. There are two types of record methods to guarantee the data is 100% acquirable.

##### \* Advanced configuration

The vacuum pump, controller, pressure transmitter and other key components are world famous brand. The sterilizer equipped with multiple programs and bar code identification system (optional).

##### \* Reassuring

We provide comprehensive operation training materials to key components maintenance intelligent reminding system for your convenience.

Optional Accessories:

USB flash disk storage

Timely sterilizing information storage to guarantee all data can be safely stored and traced during the sterilizer service life. This accessory can also be updated to traceability system.



Integrated biological incubator

The biological incubator will timely display temperature and incubate time. It equipped with independent control system that could work in case of the sterilizer switched off.

Foot switch

Simply kick the switch to open or close the door.

Alloy storage rack

The alloy storage rack realizes that sterilized articles can be separately stored.

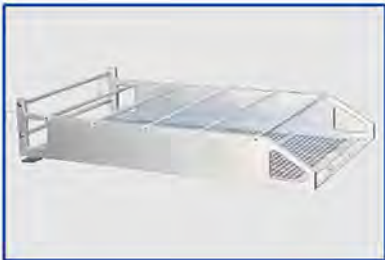
Metallic sterilizing container

To improve sterilizing result, we provide various sterilizing container for different kinds of instruments and operation kits.

Auto elevating trolley

The trolley equipped with auto elevating platform, chargeable lithium battery. The convenient memory function could record three positions.

Trolley size: 1150\*780\*1165mm (for BKQ-PS100); 1650\*780\*1165mm (for BKQ-PS200).



Biological indicator(self-contained)  
Bacteria: Thermophilic fat bacillus  
Quantum: 2-5\*10<sup>6</sup>



Chemical indicator card



Microcicide  
Name: hydrogen peroxide(H<sub>2</sub>O<sub>2</sub>)  
Concentration: 60%  
Speification: 12 capsules per cassette



Chemical indicator label



Paper-plastic wrapping bag  
Size: wide: 70/100/150/250mm



Non-woven fabric  
Size: 500\*500mm, 800\*800mm, 1200\*1200mm

Technical Parameters:

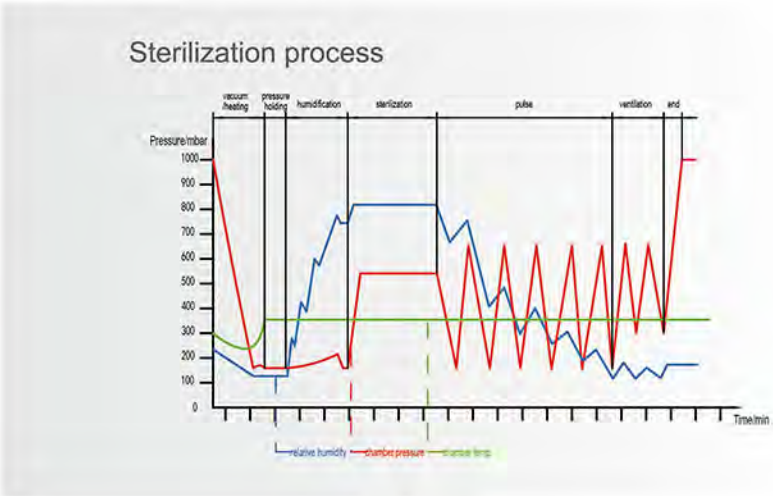
| Model                  | BKQ-PS40X     | BKQ-PS100X     | BKQ-PS100XP | BKQ-PS200X     | BKQ-PS200XP |
|------------------------|---------------|----------------|-------------|----------------|-------------|
| Volume                 | 64L           | 135L           |             | 225L           |             |
| Chamber Size(L*W*H)mm  | 650*380*260   | 750*450*400    |             | 1250*450*400   |             |
| Consumption            | 3.5KW         | 3.8KW          |             | 4.7KW          |             |
| Power Supply           | AC220V, 50Hz  | 380V, 50Hz     |             | 380V, 50Hz     |             |
| External Size(L*W*H)mm | 850*725*750   | 990*760*1600   |             | 1460*760*1600  |             |
| Package Size(L*W*H)mm  | 1000*900*1220 | 1220*1080*2000 |             | 1690*1000*1960 |             |
| Gross Weight(kg)       | 240           | 460            |             | 580            |             |

Ethylene Oxide Sterilizer



Features:

- \* **Negative pressure working system:** to guarantee in the whole operation process of EO gas overflow, even if there is leakage, and outside air into the cavity.
- \* **Automatic safety monitoring functions:** real-time monitoring of the sterilization chamber pressure changes.
- \* **Effective ventilation to remove residual:** automatic pulsing exhaust ventilation system, aim to minimize the epoxy ethane residues.
- \* **Safety door interlock:** during operation, unable to open the door.
- \* **Two temperature choices:** 55℃ high temperature, 37℃ low temperature.
- \* **Humidification control system:** built-in humidity sensor real-time monitoring.
- \* **Power off memory function**
- \* **Electric lift door**



Internal Structure



EO Gas Can



EO Gas Can



Trolley

Technical Parameters:

| Model                      | BKEO2C-135                                                  | BKEO2C-225                |
|----------------------------|-------------------------------------------------------------|---------------------------|
| Chamber Size(W*D*H)mm      | 750*450*400                                                 | 1250*450*400              |
| Overall Dimension(W*D*H)mm | 950*860*1730                                                | 1450*860*1730             |
| Chamber Volume(L)          | 135                                                         | 225                       |
| Consumption                | 3.5KW                                                       | 4.5KW                     |
| Power Supply               | AC110/220V±10%, 50/60Hz                                     |                           |
| Standard Accessories       | Stainless steel basket*2 units, EO gas can*3 units, printer |                           |
| Package Size(W*D*H)mm      | 1100*950*1950(Main body)                                    | 1650*1000*2050(Main body) |
|                            | 1000*650*550(Accessories)                                   | 1550*500*530(Accessories) |
| Net Weight(kg)             | 300                                                         | 400                       |
| Gross Weight(kg)           | 350                                                         | 450                       |

EO Gas Can(Optional):

| Model                       | Z-100      | V-170      |
|-----------------------------|------------|------------|
| Size(mm)                    | φ50*150    |            |
| Net Weight(g)               | 100        | 170        |
| Suitable Sterilizer         | BKEO2C-135 | BKEO2C-225 |
| Sterilization Concentration | 735mg/L    | 750mg/L    |

Automatic Lifting Trolley(Optional):

| Model                             | T-100         | T-200         |
|-----------------------------------|---------------|---------------|
| Loading Platform Dimension(W*D)mm | 800*400       | 1300*400      |
| Overall Dimension (W*D*H)mm       | 1150*780*1165 | 1650*780*1165 |
| Sterilization Concentration       | 735mg/L       | 750mg/L       |
| Lifting Range                     | 720~1220      | 720~1220      |
| Max. Load Capacity                | 100kg         | 150kg         |
| Net Weight(kg)                    | 55            | 70            |
| Gross Weight(kg)                  | 75            | 95            |
| Suitable Sterilizer               | BKEO2C-135    | BKEO2C-225    |

Washer Disinfector(Lab Automatic Glassware Washer)



Introduction:

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

Features:

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

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

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

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



Technical Parameters:

| Model                           | BK-LW120                                                                  | BK-LW220                 | BK-LW320      | BK-LW420       |
|---------------------------------|---------------------------------------------------------------------------|--------------------------|---------------|----------------|
| Capacity                        | 120L                                                                      | 220L                     | 320L          | 420L           |
| Water Consumption/Cycle         | 15L                                                                       |                          |               | 25L            |
| Inlet Water Pressure            | 0.03~0.8Mpa                                                               |                          |               |                |
| Noise                           | ≤50dB                                                                     | ≤55dB                    |               |                |
| Material                        | Internal materia: SS316, Outer material: SS304                            |                          |               |                |
| Overall Power Consumption       | 6KW                                                                       | 6.5/16.5KW               | 6.5/18KW      | 18kW           |
| Power Consumption-Water Washing | 0.75KW                                                                    |                          | 1.5 KW        | 2.8KW          |
| Power Consumption-Water Heating | 5KW                                                                       | 5/15KW                   |               | 15KW           |
| Power Consumption-Drying        | 2.1KW                                                                     | 3.6KW                    |               |                |
| Power Supply                    | AC220V, 50Hz                                                              | AC220V, 50Hz; 380V, 50Hz |               | 380V, 50Hz     |
| Cleaning Racks                  | 1 pcs                                                                     | 2 pcs                    | 3 pcs         | 2 pcs          |
| Standard Cleaning Racks         | BKIR36*1                                                                  | BKIR36*2                 | BKIR36*3      | BKIR36*2       |
| Standard Accessories            | One bucket RBS A 150 leaner (1 L), One bucket RBS A 375 neutralizer (1 L) |                          |               |                |
| Optional Accessories            | USB interface, printer, Cleaning racks                                    |                          |               | Cleaning racks |
| Washer Chamber Size(W*D*H)mm    | 600*629*465                                                               | 600*629*658              | 600*629*820   | 688*700*703    |
| External Size(W*D*H)mm          | 960*740*850                                                               | 780*690*1760             | 790*690*1950  | 1100*900*2165  |
| Package Size(W*D*H)mm           | 1100*950*1050                                                             | 1000*850*2100            | 1000*840*2180 | 1270*1025*2240 |
| Gross Weight(kg)                | 145                                                                       | 330                      | 350           | 400            |

Washer Disinfector(Medical Automatic Glassware Washer)



Standard cleaning rack



Toughened glass door



LCD display

Introduction:

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

Features:

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

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

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

Technical Parameters:

| Model                           | BK-LW220D                                                                 | BK-LW320D      | BK-LW420D      |
|---------------------------------|---------------------------------------------------------------------------|----------------|----------------|
| Capacity                        | 220L                                                                      | 320L           | 420L           |
| Water Consumption/Cycle         | 15 L                                                                      | 18L            | 25L            |
| Inlet Water Pressure            | 0.03~0.8Mpa                                                               |                |                |
| Noise                           | <60dB                                                                     |                |                |
| Material                        | Stainless steel                                                           |                |                |
| Overall Power Consumption       | 18KW                                                                      |                |                |
| Power Consumption-Water Washing | 2.8KW                                                                     |                | 25KW           |
| Power Consumption-Water Heating | 15KW                                                                      |                |                |
| Power Consumption-Drying        | 3.6KW                                                                     |                |                |
| Power Supply                    | 380V, 50Hz                                                                |                |                |
| Standard Cleaning Racks         | 4 Layers                                                                  | 5 Layers       |                |
|                                 | BK01-220*1                                                                | BK01-320*1     | BK01-420*1     |
| Standard Accessories            | One bucket RBS A 150 leaner (1 L), One bucket RBS A 375 neutralizer (1 L) |                |                |
| Optional Accessories            | Trolley (BKO1)                                                            |                |                |
| Washer Chamber Size(W*D*H)mm    | 600*629*658                                                               | 600*629*820    | 688*700*703    |
| External Size(W*D*H)mm          | 930*700*1840                                                              | 930*700*1990   | 1100*900*2165  |
| Package Size(W*D*H)mm           | 1100*1000*2200                                                            | 1100*1000*2350 | 1270*1025*2340 |
| Gross Weight(kg)                | 360                                                                       | 370            | 400            |