

Autoclave Sterilizer

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 Sterilizer 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
Sterilization Class	Class N (according to EN 13060 standard)		
Sterilization Temp.	121°C, 134°C		
Drying Procedure	Heating dry		
Display	LED display		
Testing System	B&D test		
Control Precision	Temperature: 1°C Pressure: 0.1bar		
Sterilization Data	Optional Mini printer		
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	4L		
Water Consumption	0.16L~0.18L in one cycle		
Tray Holder	3 pcs SS trays on SS shelf		
Chamber	Medical stainless steel 304 unibody structure Max working pressure: 2.3bar Min working pressure: -0.9bar Max temperature: 145°C		
Ambient Temp.	5~40°C		
Noise	<50dB		
Power Supply	AC110/220V±10%, 50/60Hz		
Power Consumption	1400W	1500W	1700W
Chamber Size(mm)	φ192*340	φ245*360	φ245*470
External Size(W*D*H) mm	560*450*400	560*450*400	670*450*400
Packing Size(W*D*H) mm	660*525*495	660*525*495	770*525*495
Gross Weight(kg)	48	53	60

Table Top Autoclave Sterilizer 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.
- * **Standard 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-Z12B	BKM-Z16B	BKM-Z18B	BKM-Z24B
Capacity	12L	16L	18L	24L
Sterilization Class	Class B (according to EN 13060 standard)			
Sterilization Temperature	121°C, 134°C			
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°C Pressure: 0.1bar			
Sterilization Data	Optional Mini printer Standard USB port for BKM-Z18/24B			
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	4L			
Water Consumption	0.16L~0.18L in one cycle			
Tray Holder	3 pcs SS trays on SS shelf			
Chamber	Medical stainless steel 304 unibody structure Max working pressure: 2.3bar Min working pressure: -0.9bar Max temperature: 145°C			
Ambient Temp.	5~40°C			
Noise	<50dB			
Power Supply	AC110/220V±10%, 50/60Hz			
Power Consumption	1400W	1800W	1750W	1850W
Chamber Size(mm)	φ192*340	φ240*360	φ247*360	φ247*470
External Size(W*D*H)mm	560*450*400	445*450*395	600*495*410	700*495*410
Packing Size(W*D*H)mm	660*525*495	670*550*500	720*550*560	760*550*560
Gross Weight(kg)	48	52	55	60

Table Top Autoclave Sterilizer Class B

BKM-B(III) series sterilizer is an automatic high temperature and pressure rapid sterilizer which works with steam as medium. It can be widely used in department of stomatology and ophthalmology, operating room, supply room, dialysis room and other medical institutions. It is unpacked items, solid instruments, dental hand pieces, endoscopes, implantable instruments, dressing fabric and rubber tubes, etc.



Features:

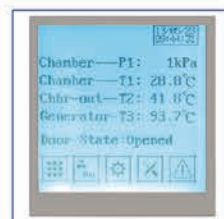
Built-in open type water tank

- 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, failure warning and other information. It is convenient for customers to observe the sterilizer running status.



Multiple security protective device

Overhead auto protective device, multiple control and protection for steam generator safe door interlock, double overpressure protection, electronic circuit safety device.

Automatic door

BKM-Z18/24/45B(III) series adopt auto door structure that can effectively prevent scald. BKM-60/80B(III) series door structure adopt multipoint stitching technology to ensure seal reliability. The door equipped with convenient one-button switch.

High-efficiency ultimate vacuum

The sterilizer adopts high-efficiency low noise vacuum system which has excellent effects. The ultimate vacuum value can reach -90KPa or above.

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.

High-efficiency steam generator

BKM-Z18/24/45B(III) equipment with build-in instant steam generator. BKM-60/80B(III) equipped with build-in energy-storing steam generator.

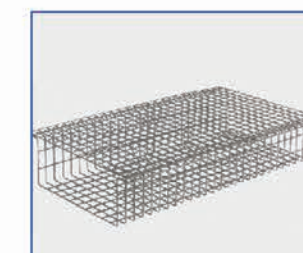
Other features

0.22um high-efficiency sterilizing filter that guarantees the air is sterile and prevents repeated contamination. All the processes of water injection, pulse vacuum, heating up, sterilization, exhausting and drying are automatic.

Loading tray



Type A



Type B



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

Optional Configuration:

Operation type: push-button operation or inductive operation

Record type: built-in printer

Electronic storage: USB flash disk

Remote monitoring: computer or pad

Technical Parameters:

Model	BKM-Z18B(III)	BKM-Z24B(III)	BKM-Z45B(III)	BKM-Z60B(III)	BKM-Z80B(III)
Capacity	18L	24L	45L	60L	80L
Design Pressure(MPa)	-0.1/0.3MPa				
Design Temp.(°C)	144°C				
Temp. Range(°C)	105~136°C				
Chamber Material	Medical Stainless steel 304				
Standard Loading Tray	Type A		Type B		
Power Supply	AC110/220V±10%, 50/60Hz		AC220V±10%, 50/60Hz		
Power Consumption	2 KW	2 KW	3.8 KW	7 KW	7 KW
Chamber Size(mm)(Ø*L)	Ø250*350	Ø250*450	Ø316*618	Ø385*595	Ø385*717
External Size(W*D*H) mm	585*515*450	685*515*450	830*640*550	1002*730*560	1002*730*560
Packing Size(W*D*H) mm	880*720*680	980*720*680	990*770*785	1160*870*795	1160*870*795
Gross Weight(kg)	60	70	80	120	180

Table top Autoclave Sterilizer Class S

BKM-S series Class S autoclave is an automatic high temperature and pressure rapid sterilizer which works with steam as medium. It can be widely used in medical and health department such as laboratory, ophthalmology, operating room, CSSD, dialysis room, delivery room and etc. It is suitable for all wrapped or unwrapped solid instruments, liquid in lid-open container, implantable instruments, dressing fabric and rubber tubes, etc.



Features:

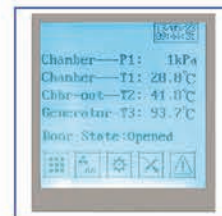
Built-in open type water tank

- 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

LCD screen can show temperature, pressure, time, running process, error and alarm information, etc. Sterilization information is more obvious and it's easier to observe the running status.



Multiple safety protection devices

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

Automatic door structure

BKM-Z24/45/80S series adopts automatic door structure, operation fast and simply, protecting the operators from scald. BKM-Z80S adopts multi-point synchronous linkage pressing technology, which is more 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 good quality.

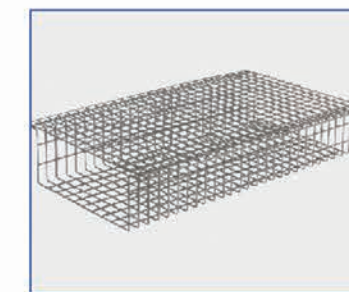
Other features

Heating, sterilization, exhausting, drying totally automatic.
Chamber is heated by film heater, saving energy and time.

Loading tray



Type A



Type B



Type C(Optional for 45/80L)

Optional Configuration:

Operation type: push-button operation or inductive operation

Record type: built-in printer

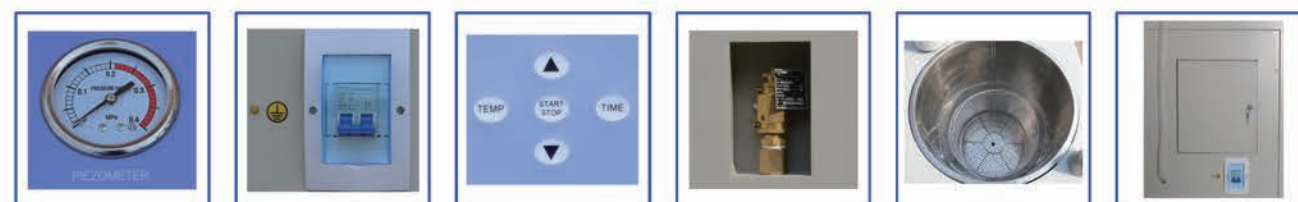
Electronic storage: USB flash disk

Remote monitoring: computer or pad

Technical Parameters:

Model	BKM-Z24S	BKM-Z45S	BKM-Z80S
Capacity	24L	45L	80L
Design Pressure(MPa)	-0.1/0.3MPa		
Design Temp.(°C)	144°C		
Temp. Range(°C)	105~138°C		
Chamber Material	Medical Stainless steel 304		
Standard Loading Tray	Type A	Type B	
Power Supply	AC110/220V±10%, 50/60Hz		AC220V±10%, 50/60Hz
Power Consumption	2.5 KW	5.8 KW	7.4 KW
Chamber Size(mm)(Ø*L)	Ø250*450	Ø316*618	Ø385*717
External Size(W*D*H) mm	685*515*450	830*640*550	1002*730*560
Packing Size(W*D*H) mm	980*720*680	990*770*785	1160*870*795
Gross Weight(kg)	70	80	180

Hand Wheel Vertical Autoclave Sterilizer



Application Range:

There are 5 fixed programs and 4 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.
- * 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, draining and drying runs automatically.
- * Adopting certain temperature (98~102°C) exhaust method and dynamic pulse exhaust method to completely empty the cold air inside chamber for ensuring steam saturability.
- * Inner stainless steel water tank for water and steam to circulate inside. Steam does not exhaust during sterilization, so as to keep the outside clean and dry.

Technical Parameters:

Model	BKQ-B50(II)	BKQ-B75(II)	BKQ-B100(II)	BKQ-B120(II)	BKQ-B150(II)	BKQ-B200(II)
Capacity	50L	75L	100L	120L	150L	200L
Chamber Size(mm)	φ386*500	φ386*682	φ386*875	φ386*1055	φ500*760	φ500*1000
Chamber Material	304 medical stainless steel					
Max Designed Pressure	0.28Mpa					
Max Designed Temp	150°C					
Working Pressure	0.175MPa				0.217MPa	
Working Temp.	105~136°C				50~134°C	
Temp. Accuracy	±0.1°C					
Timing Range	0~999min					
Dynamic Pulse Exhaust Times	0~9 times					
Dynamic Pulse Exhaust Temp.	105~134°C					
Dissolution Temp. Range	60~100°C (programmable)					
Temp. Holding Range	40~60°C (programmable)					
Power Supply	AC110/220V, 50/60Hz			AC220V, 50/60Hz	380V, 50Hz	
Power Consumption	4.4KW	4.7KW	5.2KW	5.2KW	6KW	
SS Basket	1 pc	2 pcs	2 pcs	3 pcs	3 pcs	4 pcs
External Size(mm)	550*640*970	550*640*1070	550*640*1270	550*640*1370	715*720*1350	715*720*1550
Packing Size(mm)	765*700*1150	765*700*1230	756*700*1450	756*700*1650	760*800*1500	760*800*1690
Gross Weight(kg)	110	114	120	140	180	200

Vertical Autoclave Sterilizer



BKQ-B30/B50/B75

BKQ-Z30/Z50/Z75/Z100

Features:

- * Fully stainless steel structure.
- * Immersion heater ensures a high effective thermal.
- * Audio and visual alarm for low level water, automatic water supply system.
- * Downward displacement (Gravity-type) ensures a pure steam environment.
- * Safety valve release air intermittently to ensure stable pressure and temperature automatically.
- * The cover can be opened easily.
- * Pressure meter displays chamber temperature and pressure.

Technical Parameters:

Model	BKQ- B30	BKQ- B50	BKQ-B75	BKQ- Z30	BKQ- Z50	BKQ-Z75	BKQ-Z100
Capacity	30L	50L	75L	30L	50L	75L	100L
Chamber Size(mm)	Φ388*390	Φ388*630	Φ388*740	Φ388*390	Φ388*630	Φ388*740	Φ388*830
Max Pressure	≥0.2Mpa						
Working Pressure	0.14~0.165Mpa			0~0.14Mpa, controlled by temperature			
Working Temp.	126°C			RT+5~126°C			
Temp. Fluctuation	<2°C			<1°C			
Timing Range	/			1~5999min			
Power Supply	AC220V, 50/60Hz						
Consumption	3KW						3.8KW
SS Basket	/	1 pc	1 pc	/	1 pc	1 pc	1 pc
External Size (L*W*H) mm	700*510*730	700*510*820	700*510*930	700*510*730	700*510*820	700*510*930	700*510*1040
Package Size (L*W*H) mm	770*650*820	770*650*960	770*650*1060	770*650*820	770*650*960	770*650*1060	770*650*1160
Gross Weight(kg)	85	90	100	85	90	100	115kg

Horizontal Cylindrical Pressure Steam Sterilizer



Features:

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

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°C				
Temperature Range	40~134°C				
Sterilization Time	0~60 min				
Drying Time	0~60 min				
Temp. Accuracy	≤±2°C				
Power Consumption	9KW		12KW	18KW	
Power Supply	220V/380V, 50/60Hz			380V, 50Hz	
External Size (W*D*H) mm	1400*600*1300	1400*670*1650	1400*770*1780	1430*880*1830	1800*900*1820
Packing Size (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

Horizontal Steam Sterilizer 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.
- * 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.
- * The positive pressure air-exhaust system to exhaust the cold air from chamber.
- * Post-drying function makes the residual humidity of sterilized articles less than 3%.
- * Touch screen display of temperature, pressure, time, running status and failure warning.
- * Over-heat auto protection device, dual door safety lock device, over-pressure relief valve, short-circuit protection and over-pressure protection.

Technical Parameters:

Model	BKQ-B100(H)	BKQ-B150(H)	BKQ-B200(H)	BKQ-B300(H)
Capacity	100L	135L	185L	300L
Chamber Size	φ380*710mm	φ500*710mm	φ500*950mm	φ632*1000mm
Chamber Material	304 medical stainless steel			
Max Working Pressure	0.23Mpa			
Working Temp.	105~136°C			
Temp Accuracy	±0.1°C			
Power Consumption	11KW		17KW	
Power Supply	380V, 50HZ			
External Size(W*D*H) mm	1000*679*1600	1110*750*1742	1350*750*1742	1400*890*1780
Packaging Size(W*D*H) mm	1260*820*1918	1370*890*2060	1610*890*2060	1660*1030*2100
Gross Weight(kg)	310	470	540	830

Horizontal Pulse Vacuum Steam Sterilizer 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.
- * LCD displays temperature, pressure, time, running status, failure and warning code.
- * 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.

Technical Parameters:

Model	BKQ-Z100(H)	BKQ-Z150(H)	BKQ-Z200(H)	BKQ-Z300(H)
Capacity	100L	135L	185L	300L
Chamber Size	φ380*710mm	φ500*710mm	φ500*950mm	φ632*1000mm
Chamber Material	304 medical stainless steel			
Max Working Pressure	0.23Mpa			
Vacuum Limit	-0.08MPa			
Working Temp.	105~136°C			
Temp Accuracy	±0.1°C			
Power Consumption	11KW		17KW	
Power Supply	380V, 50Hz			
External Size(W*D*H) mm	1000*679*1600	1110*750*1742	1350*750*1742	1400*890*1780
Packaging Size(W*D*H) mm	1260*820*1918	1370*890*2060	1610*890*2060	1660*1030*2100
Gross Weight(kg)	310	470	540	830

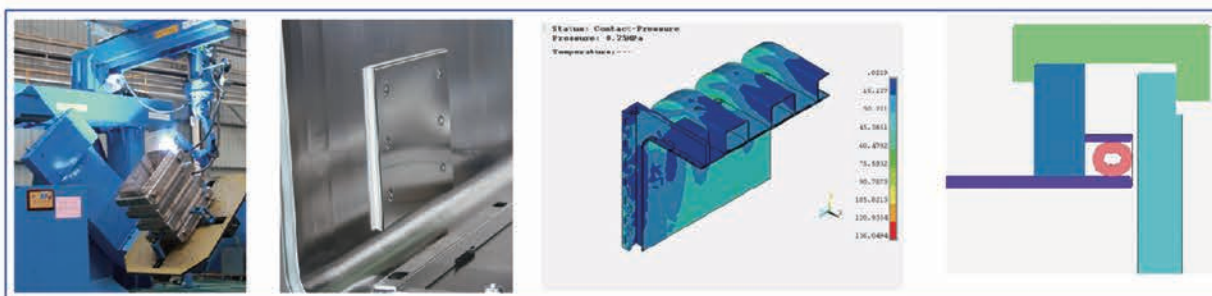
Large Horizontal Steam Sterilizer



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

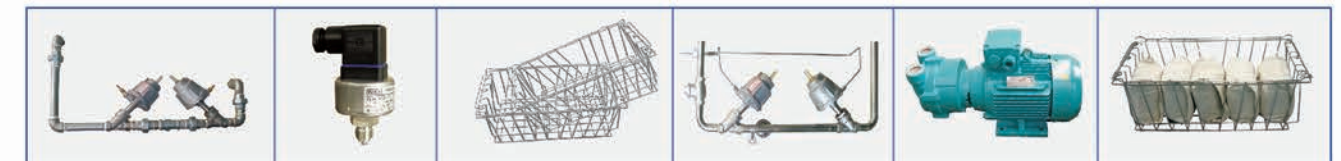
Chamber is designed according to professional analytical method. High-emulation software ANSYS is used for chamber simulation. Design service life: 10 years (or 20000 times sterilization)

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.



imported configuration for the pipe system

Pressure transmitter imported from Germany

Optional standard basket

Stainless steel health-class pipe stain less steel imported pneumatic valve

Vacuum pump

Loading by basket

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 pipes, valves 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)	0.25	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
- 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

Unloading-side Panel:



Humanistic indicating system:

- * Back door closing indicating 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; D-built-in steam generator
A/B	Installation: A-Shelf loading; B-Loading by cart and trolley

Technical Parameters:

Model	Volume	Chamber Size (W*D*H)	External Size (W*D*H)	Net Weight	Power Consumption	Power Supply			
BKQ-140D-A	146L	420*420*830mm	1035*1700*1100mm	425 Kg	2.5KW	380V, 50Hz			
BKQ-140DD-A				525 Kg	1.8KW				
BKQ-140S-A			1035*1700*1200mm	510 Kg	2.5KW				
BKQ-140SD-A				610 Kg	1.8KW				
BKQ-240D-A	241L	600*600*670mm	1286*1848*1000mm	580 Kg	2.5KW	380V, 50Hz			
BKQ-240DD-A				660 Kg	2.4KW				
BKQ-240S-A			1286*1848*1100mm	660 Kg	2.5KW				
BKQ-240SD-A				720 Kg	2.4KW				
BKQ-240D-B			1286*1848*1000mm	600 Kg	2.5KW				
BKQ-240DD-B				680 Kg	2.4KW				
BKQ-240S-B			1286*1848*1100mm	680 Kg	2.5KW				
BKQ-240SD-B				740 Kg	2.4KW				
BKQ-350D-A	352L	600*600*980mm	1286*1848*1225mm	780 Kg	2.5KW	380V, 50Hz			
BKQ-350DD-A				880 Kg	2.4KW				
BKQ-350S-A			1286*1848*1240mm	860 Kg	2.5KW				
BKQ-350SD-A				960 Kg	2.4KW				
BKQ-350D-B			1286*1848*1225mm	880 Kg	2.5KW				
BKQ-350DD-B				1000 Kg	2.4KW				
BKQ-350S-B			1286*1848*1240mm	960 Kg	2.5KW				
BKQ-350SD-B				1080 Kg	2.4KW				
BKQ-650D-B			655L	610*910*1180mm	1286*1980*1400mm		1170 Kg	4KW	380V, 50Hz
BKQ-650DD-B							1270 Kg	4.6KW	
BKQ-650S-B	1286*1980*1420mm	1270 Kg			4KW				
BKQ-650SD-B		1370 Kg			4.6KW				
BKQ-810D-B	810L	610*910*1460mm	1286*1980*1670mm	1260 Kg	4KW	380V, 50Hz			
BKQ-810DD-B				1360 Kg	6.1KW				
BKQ-810S-B			1286*1980*1700mm	1360 Kg	4KW				
BKQ-810SD-B		1286*1980*1700mm	1460 Kg	6.1Kw					
BKQ-990D-B	999L	610*910*1800mm	1286*1980*2020mm	1300 Kg	4KW	380V, 50Hz			
BKQ-990DD-B				1400 Kg	6.1KW				
BKQ-990S-B			1286*1980*2040mm	1400 Kg	4KW				
BKQ-990SD-B				1500 Kg	6.1KW				
BKQ-1200D-B	1203	680*1180*1500mm	1445*1940*1755mm	1950 Kg	5KW	380V, 50Hz			
BKQ-1200S-B				1445*1940*1760mm	2050 Kg		5KW		
BKQ-1500D-B	1500	680*1180*1870mm	1445*1940*2115mm	2111 Kg	5KW	380V, 50Hz			
BKQ-1500S-B				1445*1940*2130mm	2211 Kg		5KW		

Portable Autoclave Sterilizer

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
Time Setting	1~99 minutes		No		No	
Temperature Setting	Rt +5~126°C		126°C or 121°C		126°C or 121°C	
Power Supply	AC220V, 50Hz					
Power Consumption	2KW					
Working Pressure	Along with temperature change		0.142Mpa		0.142Mpa	
Chamber Size(mm)	φ280*210	φ280*310	φ280*210	φ280*310	φ280*210	φ280*310
Packing Size(W*D*H)mm	420*420*560	420*420*660	420*420*560	420*420*660	420*420*560	420*420*660



Timing control type



Anti-dry out type



Dual fuel type

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:

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

Technical Parameters:

Model	HAS-T25	HAS-T50	HAS-T70	HAS-T105	HAS-T200
Capacity	25L	50L	70L	105L	200L
Temp. Range	RT+10~250°C				
Temp. Precision	0.1°C				
Temp. Fluctuation	±0.5°C				
Ambient Temp.	5~40°C				
Timing Range	1~9999min				
Shelves No.	2 pcs				
Power Consumption	600W	900W	1150W	1600W	3000W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Internal Size(W*D*H) mm	300*300*270	420*350*350	400*375*500	550*350*550	600*550*600
External Size(W*D*H) mm	600*470*420	710*520*520	550*550*860	840*530*730	890*730*780
Packing Size(W*D*H) mm	690*550*600	840*680*630	680*680*990	970*670*860	1020*870*910
Gross Weight(kg)	45	50	75	80	100

H₂O₂ Low Temperature Plasma Sterilizer



BKQ-PS100X



BKQ-PS100XP



BKQ-PS40X



BKQ-PS200X

Production Introduction:

BIOBASE Plasma sterilizer takes H₂O₂ as sterilizing agent and from plasmatic state of H₂O₂ by electromagnetic field under low temperature. It combines both gaseous and plasmatic H₂O₂ to make sterilization for the items in chamber and decomposed the residual H₂O₂ 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 H₂O₂ filter is installed in the exhausting outlet to guarantee no H₂O₂ 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 H₂O₂ diffused uniformly. The low temperature storage system provides a stable concentration of H₂O₂.

* 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.

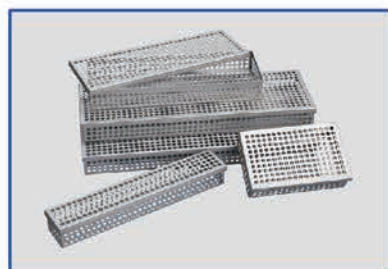
Metallic sterilizing container

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).



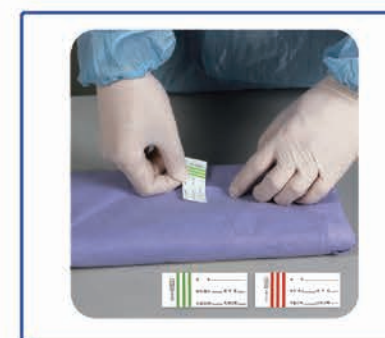
Biological indicator(self-contained)
Bacteria: Thermophilic fat bacillus
Quantum: 2-5*10⁶



Chemical indicator card



Microcicide
Name: hydrogen peroxide(H₂O₂)
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	
Power Consumption	3.5KW	3.8KW		4.7KwW	
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	1110*984*1068	1250*1019*1918		1720*1019*1918	
Gross Weight(kg)	240	460		580	

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:

- * Material: stainless steel
- * The glass bead is reusable.
- * The sterilization is quick, easy and accurate.
- * 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.

Technical Parameters:

Model	GBS-5000A	GBS-5000B
Temp. Range	100~300°C	
Temp. Accuracy	±5°C	
Heating Time to Max. Temp	≤25min to reach 300°C	
Ambient Temp.	5°C ~ 40°C	
Power Consumption	120W	250W
Power Supply	AC110/220V±10%, 50/60Hz	
Chamber Size	Φ40*80mm	Φ40*140mm
Weight of Glass Bead	150g	300g
External Size(W*D*H)	130*145*155mm	130*145*215mm
Package Size(W*D*H)	420*340*260mm	420*340*260mm
Gross Weight	4.5kg	5.5kg