

Autoclave

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

Table Top Autoclave Class N Series

Features:

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 ensures that reaches the optimal effect of sterilization.

Special design for dental clinic field, it could sterilize 12 pieces hand piece at same time, simply and efficiently.

Sliding door design for easy secure operating—for BKM-Z2N.

Microprocessor control, LCD or LED display and modularized panel for easy operation.

Automatic malfunction detection system makes easy maintaining.



Technical Parameters:

Model	BKM-Z2N	BKM-Z7N	BKM-Z10N	BKM-Z12N	BKM-Z18N	BKM-Z24N
Capacity	2L	7L	10L	12L	18L	24L
Sterilization Class	Class N					
Sterilization Temp.	121°C, 134°C					
Drying Procedure	Heating dry					
Display	High-light LED tube display					
Testing System	Bowie&Dick, Steam penetration test					
Control Precision	Temperature: 1°C					
	Pressure: 0.1bar					
Sterilization Data	Optional Mini printer					
Safety System	Relief valve					
	Hand lock door					
	Pressure lock system					
	Pressure or temperature over load protection					
Water Supply System	Build-in water tank, easy to clean					
	Tray Holder					
Chamber	Medical stainless steel 304					
	Max working pressure:2.3bar					
	Min working pressure: -0.9bar					
Ambient Temp.	5 ~ 40°C					
Noise	<50db					
Water Consumption in One Cycle	0.12L~0.16L		0.16L~0.18L			
	Power Supply					
Power Consumption	1200W	1400W	1400W	1400W	1500W	1700W
Chamber Size(mm)	φ 88*175	φ 170*320	φ 192*320	φ 192*340	φ 245*360	φ 245*470
External Size(mm)	350*284*376	540*370*360	540*370*360	560*450*400	560*450*400	670*450*400
Packing Size(mm)	415*345*441	615*440*425	615*440*425	660*525*495	660*525*495	770*525*495
Net Weight	26kg	27kg	40kg	42kg	47kg	52kg

Table Top Autoclave Class B Series



Features:

The newly-designed model with opening water tank on the top, strictly meets the standard of EN13060, which makes wash and cleaning much more convenient.

It adopts European B standard with 3-times pre-vacuum preceding vacuum drying. Residual humidity is less than 0.2%.

Vacuum measurement reaches -0.8bar. It sterilizes and sanitizes miscellaneous packed or unpacked medical instruments, Whether solid or A-type hollow, whether with multi-apertures or inset pipes. It efficiently tides air from every hollow area of any hollow instrument, such as hand-piece, making sure that water steam reaches every corner.

Fuzzily computer controlled, digital bright show. The interface is modularized panel for easy operation.

It is installed with BOWIE&DICK which measures the penetration of water steam.

Mini printer can be attached to record the process of sterilization.

Technical Parameters:

Model	BKM-Z2B	BKM-Z7B	BKM-Z10B	BKM-Z12B	BKM-Z16B	BKM-Z18B	BKM-Z24B
Capacity	2L	7L	10L	12L	16L	18L	24L
Sterilization Class	Class B						
Sterilization Temperature	121°C, 134°C						
Special Program	HIV, HBV long-sterilization program						
Dry System	Vacuum drying system						
Display	High-light LED tube display						
Testing System	Bowie & Dick Test						
	Vacuum Test						
	Helix Test						
Control Precision	Temperature: 1°C						
	Pressure: 0.1bar						
Sterilization Data	Optional Mini printer						
Safety System	Relief valve						
	Hand lock door						
	Pressure lock system						
	Pressure or temperature over load protection						
	Alarm system						
Water Supply System	Build-in water tank, easy to clean						
Tray Holder	SS basket, SS shelf						
Chamber	Medical stainless steel 304						
	Max working pressure: 2.3bar						
	Min working pressure: -0.9bar						
	Max temperature: 145°C						
Ambient Temperature	5 ~ 40°C						
Noise	<50db						
Water Consumption in One Cycle	0.12L~0.16L	0.16L~0.18L					
	Power Supply 110/220V ± 10%, 60/50Hz						
Power Consumption	1200W	1400W	1400W	1400W	1800W	1500W	1700W
Chamber Size(mm)	φ 88*175	φ 170*320	φ 192*320	φ 192*340	φ 240*360	φ 245*360	φ 245*470
External Size(mm)	350*284*376	540*370*360	540*370*360	560*450*400	445*550*395	560*450*400	670*450*400
Packing Size(mm)	415*345*441	615*440*425	615*440*425	660*525*495	670*550*500	660*525*495	770*525*495
Net Weight	26kg	37kg	40kg	43kg	47kg	47kg	53kg

Automatic High Temperature and Pressure Rapid Sterilizer

BKM-BIII 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:

Build-in open type water tank

The sterilizer adopts easy-clean open type water tank that equipped with water quality monitor to ensure the reliability of steam quality and sterilizer operation .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-Z18/24/45BIIIseries adopt auto door structure that can effectively prevent scald. BKM-Z60/80BIII 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/Z24/Z45BIII equipment with build-in instant steam generator. BKM-Z60/Z80BIII 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.

Optional configuration

Operation type: push-button operation or inductive operation or inductive operation

Record type: printer

Electronic storage: USB flash disk

Remote monitoring: computer or pad

Technical Parameters:

Model	BKM-Z18BIII	BKM-Z24BIII	BKM-Z45BIII	BKM-Z60BIII	BKM-Z80BIII
Capacity(L)	18L	24L	45L	60L	80L
Design Pressure	-0.1/0.3MPa				
Design Temp.	144℃				
Temp.Range	105-136℃				
Chamber Material	06Cr19Ni10 Stainless steel				
Power Supply	110/220V ± 10%, 50/60Hz				
Consumption	2KW	2KW	3.8KW	7KW	7KW
Chamber Size(mm)	ø250*350	ø250*450	ø316*618	ø385*595	ø385*717
External Size(mm)	585*515*450	685*515*450	830*640*550	1002*730*560	1002*730*560
Net Weight	55Kg	65Kg	115Kg	160Kg	180Kg



Australian Distributors
 Importers & Manufacturers
www.chromtech.net.au

Hand Wheel Vertical Autoclave

Application Range:

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

Technical Features:

1. Micro processor control system with various functions.
2. Hand wheel type of quick-open door structure.
3. Complete process of filling water, pulse exhaust, heating, sterilizing and drying run automatically.
4. LED display indicates inner temperature and time as well as error codes.
5. Over temperature & over pressure auto-protection
6. Positive pressure pulse exhaust the inner air, keeps steam saturation.
7. Preheating of chamber and drying after sterilizing to make sure complete sterilization and drying effect.
8. Inner water tank, water and steam circulate inside.
9. Self expanding silicon sealing ring.
10. Printer is optional.
11. Temperature can be set freely (50°C~126°C).
12. Time can be set freely (0~999 min).



Safety Feature:

1. Heating protection device.
2. Anti dry-out function.
3. Door interlocks with pressure.
4. Over temperature & pressure protection device.
5. Safety valve works when pressure exceeds.
6. Electricity protection.

Technical Parameters:

Model	BKQ-B50II	BKQ-B75II	BKQ-B100II	BKQ-B150II
Capacity	50L	75L	100L	150L
Chamber size	Φ350*520mm	Φ391*695mm	Φ500*560mm	Φ500*760mm
Chamber material	SUS304 medical stainless steel			
Rated working pressure	0.175MPa			
Rated working temp	130°C			
Max pressure	0.2Mpa			
Timing range	0~999min			
Temp range	50°C ~126°C			
Consumption	4.8KW	5.8KW	6.0KW	
Power supply	110/220V ± 10%, 50/60Hz			380V.50Hz
Standard accessories	Stainless steel basket*2pcs			
External size(mm)	500*620*1200	550*640*1300	710*840*1300	710*840*1500
Packing size(mm)	560*680*1400	610*700*1500	770*900*1500	770*900*1700

Vertical Autoclave

Features:

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



BKQ-Z30/Z50/Z75/Z100



BKQ-B30/B50/B75

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	Φ388 *390mm	Φ388 *630mm	Φ388 *740mm	Φ388 *390mm	Φ388 *630mm	Φ388 *740mm	Φ388 *830mm
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	No			1~5999min			
Power Supply	220V, 50/60Hz						
Consumption	3KW						
Basket Qty	1pc	2pcs	2 pcs	1pc	2 pcs	2 pcs	2 pcs
External Size	700*510 *730mm	700*510 *820mm	700*510 *930mm	700*510 *730mm	700*510 *820mm	700*510 *930mm	700*510 *1040mm
Packing Size	770*650 *820mm	770*650 *960mm	770*650 *1060mm	770*650 *820mm	770*650 *960mm	770*650 *1060mm	770*650 *1160mm
Gross Weight	85kg	90kg	100kg	85kg	90kg	100kg	115kg

Portable Autoclave

Application Rang

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:

- 1.Immersion type electric heating pipe, thermal efficiency is high, stainless steel material tube is durable to use.
- 2.It is well sealed and effectively prevents steam leakage.
- 3.Over temperature & over pressure auto-protection.
- 4.Steam-water inner circulation system: No steam discharge and the environment for sterilizing will be clean and dry.
- 5.Double groove pressure gauge, could clearly indicate, convenient observation, reliable performance.
- 6.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).
- 7.Two safety valves keeps double safety(for timing control type).
- 8.It has self adjustment function(for timing control type).
- 9.The sterilizer is provided with a power switch, user can control the operation easily.
- 10.Electric heating or gas heating can be choosed (for Dual fuel Type).
- 11.The sealing ring is made of silicon rubber.
- 12.Easy operation, safe and reliable

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 min		No			
Temp Setting	Rt +5~126℃		126℃ or 121℃			
Power Supply	220V, 50/60Hz					
Consumption	2KW					
Working Pressure	Along with temperature changes		0.142Mpa			
Chamber Size(mm)	φ 280*210	φ 280*310	φ 280*210	φ 280*310	φ 280*210	φ 280*310
Packing Size(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

Horizontal Pulse Vacuum Sterilizer

Horizontal Pulse Vacuum Sterilizer is suitable for sterilizing unwrapped, wrapped, solid, hollow A, hollow B, instrument with built-in pipe and implanted instrument which can withstand high temperature and pressure in the places including oral department, ophthalmology, operation room and lab.

Main Features:

- Post-pulse vacuum drying system; after drying, the residual humidity for appliances is no more than 0.2%, and that for dressing, 1%;
- Built-in steam generator; microcomputer control;
- The temperature, pressure, time, running status and error alarms can all be dynamically displayed;
- Sterilizing procedures specially designed for exposed appliances, appliance wraps, dressings, rubber, and so on; test procedures such as the B & D test and leak test;
- The date, time and process parameters can be directly printed by the printer installed.

Safety Devices:

- Overheating protection
- Safety valve
- Door interlock device
- Circuit safety device



Technical Parameters:

Model	BKQ-Z150H	BKQ-Z200H	BKQ-Z300H
Capacity	150L	200L	300L
Chamber Size	φ 500 × 710mm	φ 500 × 950mm	φ 632 × 1000mm
Working Temp	105~136℃		
Temp Precision	0.1℃		
Max Working Pressure	0.23Mpa		
Pressure Precision	0.1Kpa		
Power Supply	380V, 50Hz		
Consumption	11KW	11KW	17KW
External Size	1110*750*1742mm	1350*750*1742mm	1400*890*1742mm
Net Weight	200Kg	230Kg	350Kg



Australian Distributors
Importers & Manufacturers
www.chromtech.net.au