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**Professional Manufacturer of Laboratory
Equipment And Life Science Instruments**

Company Profile »

Shanghai Boxun Medical Biological Instrument Corp., founded in 1996, formerly known as Shanghai Boxun Industry & Commerce Co.,Ltd., professionally manufactures laboratory apparatus and medical equipments. It is a modern enterprise which gathers design, produce, develop, sale and serve as an integral whole, and it is a member of Shanghai Medical Instrument Trade Association. Our company has obtained ISO9001:2015 certificate of quality management system registration approval.

Our products include autoclave, test chamber, drying oven, incubator, clean bench, bio safety cabinet and water bath, etc. They are widely applicable in the fields of pharmaceuticals, sanitary and antiepidemic, environmental protection, agriculture and research, etc.

In past more than twenty years, our company operates its business with the management philosophy of "customer first, service forever". We are proud of the supporting with our perfect quality of products and timely service systems. And we sell our products to all parts of the country and overseas.

Today, we follow the advanced technology from USA and improve the functions of products with humanizational design on the production experience of generation product. Our company will supply you one-stop distribution project of laboratory equipments and medical apparatus, then our products can meet the higher requirements of experiments for you.

CONTENTS

AUTOCLAVE

» APPLICABLE SCOPE:

The autoclave is the equipment which utilizes the pressure saturated steam for sterilizing goods quickly and reliable. It is applicable to be used in medical and health work, scientific and agriculture institutes. It is a perfect equipment for sterilizing the medical equipment, dressings, glassware, liquor culture mediums, etc.

YXQ-LS-18SI

» Product Features:
· Electric heating type;
· Self-control when lack of water;
· Self-expanding type seal ring;
· Self-exhaust when over pressure;
· Temperature adjustable (110℃-126℃);
· Sterilizing time adjustable (0-60min).

BXM-30R

» Product Features:
· Made of SUS304;
· Microcomputer intelligent control;
· Self-expanding type seal ring;
· Exhaust cold air automatically;
· Self-control when lack of water;
· Over temperature protection;
· Self-exhaust when over pressure;
· Buzzer reminds when sterilization ends.

Pressure Gage

Basket

Water Level Safety Float

Stainless Steel Bucket

Model	YXQ-LS-18SI	BXM-30R
Volume [L]	18	29
Power [kW]	2	2
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%
Max. Working / Design Temp. [℃]	126 / 128	126 / 128
Max. Working / Design Pressure [MPa]	0.142 / 0.165	0.142 / 0.165
Temperature Resolution[℃]	–	1
Timer Range [min]	0~60	0~120
Internal Dimensions [mm]	Ø280×290	Ø300×420
Housing Dimensions [mm]	Ø390×530	395×395×780
Basket Dimensions [mm]	–	Ø280×340
Number of Baskets [pc]	–	1
Net Weight [kg]	19	35
Gross Weight [kg]	21	43
Package Size [mm]	450×450×640	540×540×950

YXQ-LS-18SII / YXQ-LS-24SII

» Product Features:
· Microcomputer automatic control;
· Highlight Nixie tube display ;
· Electric heating mode ;
· Automatic control of sterilization process ;
· SUS304 material ;
· Water level safety float ;
· Self expanding sealing ring are used for the inner tank.

YXQ-LS-18SII

YXQ-LS-24SII

Model	YXQ-LS-18SII	YXQ-LS-24SII
Volume [L]	18	24
Power [kW]	2	2
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%
Max. Working / Design Temp. [℃]	126 / 128	126 / 128
Max. Working / Design Pressure [MPa]	0.142 / 0.165	0.142 / 0.165
Temperature Resolution[℃]	0.1	0.1
Timer Range [min]	0~999	0~999
Internal Dimensions [mm]	Ø300×330	Ø300×430
Housing Dimensions [mm]	Ø325×555	Ø325×660
Basket Dimensions [mm]	–	–
Number of Baskets [pc]	–	–
Net Weight [kg]	14	16
Gross Weight [kg]	16	18
Package Size [mm]	420×450×560	420×450×680

YXQ-LB-SII Series

» **Product Features:**
· Made of SUS304
· Hand wheel type quick-open cover;
· Microcomputer intelligent control;
· Self-expanding type seal ring;
· Exhaust cold air automatically;
· Self-control when lack of water.

· Self-exhaust when over pressure;
· Pressure safety interlock;
· Over temperature protection;
· Buzzer reminds when sterilization ends;
· Equipped with G1/2A internal thread sample test hole.

Spinning Hand Wheel

Verification Port

Safety Valve

Pressure Gage

Control Panel

SUS304

Moving Caster

Model	YXQ-LB-30SII	YXQ-LB-50SII	YXQ-LB-75SII	YXQ-LB-100SII
Volume [L]	29	50	75	100
Power [kW]	2.3	3.2	3.5	3.5
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%
Max. Working / Design Temp. [℃]	135 / 139	135 / 139	135 / 139	135 / 139
Max. Working / Design Pressure [MPa]	0.22 / 0.25	0.22 / 0.25	0.22 / 0.25	0.22 / 0.25
Timer Range [min]	4~120	4~120	4~120	4~120
Internal Dimensions [mm]	Ø300×485	Ø400×630	Ø400×720	Ø400×830
Housing Dimensions W×D×H [mm]	445×445×900	485×485×1120	485×485×1190	485×485×1290
Basket Dimensions [mm]	Ø280×340	Ø360×230	Ø360×270	Ø360×230
Number of Baskets [pc]	1	2	2	3
Net Weight [kg]	54	68	71	75
Gross Weight [kg]	64	82	85	89
Package Size [mm]	570×570×1060	610×610×1290	610×610×1360	610×610×1490

YXQ-A Series

» **Product Features:**
· Made of SUS304;
· Hand wheel type quick-open cover;
· Microcomputer intelligent control;
· Self-expanding type seal ring;
· Exhaust cold air automatically;
· Inner circulation exhaust;
· Self-control when lack of water;
· Self-exhaust when over pressure;
· Pressure safety interlock;
· Over temperature protection;
· Buzzer reminds when sterilization ends;
· Equipped with G1/2A internal thread sample test hole

Three control modes:
a. heating – sterilization - quick exhaust
b. heating – sterilization - slow exhaust
c. heating – sterilization - no exhaust

Control Panel
(YXQ-A)

YXQ-A Series

YXQ-G Series

» **Product Features:**
· Drying function;
· Made of SUS304;
· Hand wheel type quick-open cover;
· Microcomputer intelligent control;
· Self-expanding type seal ring;
· Exhaust cold air automatically;
· Inner circulation exhaust;
· Self-control when lack of water;
· Self-exhaust when over pressure;
· Pressure safety interlock;
· Over temperature protection;
· Buzzer reminds when sterilization ends;
· Equipped with G1/2A internal thread sample test hole.

Work process of sterilization and drying:
a. sterilization - natural cooling
b. sterilization- automatic exhaust
c. sterilization-exhaust-drain-drying

Control Panel
(YXQ-G)

YXQ-G Series

Model	YXQ-50A	YXQ-70A	YXQ-100A	YXQ-50G	YXQ-75G	YXQ-100G
Volume [L]	50	75	100	50	75	100
Power [kW]	2.7	3.5	3.5	3.2	3.5	3.5
Drying Power [kW]	-	-	-	0.8	1	1
Power Supply [V, Hz]	220±10%, 50±2%					
Max. Working / Design Temp. [℃]	135 / 139					
Max. Working / Design Pressure [MPa]	0.22 / 0.25					
Timer Range [min]	4~120					
Internal Dimensions [mm]	Ø300×755	Ø400×720	Ø400×830	Ø400×640	Ø400×720	Ø400×850
Housing Dimensions W×D×H [mm]	445×525×1120	485×605×1175	485×605×1290	485×605×1125	485×605×1195	485×605×1290
Basket Dimensions [mm]	Ø280×210	Ø360×270	Ø360×230	Ø360×230	Ø360×270	Ø360×230
Number of Baskets [pc]	3	2	3	2	2	3
Net weight /Gross weight [kg]	68/80	77/91	83/98	85/97	90/106	95/114
Package size [mm]	570×650×1240	610×730×1340	610×730×1490	610×730×1290	610×730×1360	610×730×1490

BXM-EI Series

» Product Features:
· PMMA II microcomputer intelligent operating system;
· Touch screen enables real-time viewing of the operating parameters and working status ;
· Positive pressure pulse, 6 level cold air discharge procedure ;
· Equipped with 8 fixed programs +6 custom programs ;
· After sterilization, the 6-stage pressure relief rate is optional ;
· With three-level authority management ;
· The whole machine anti - hot design, heat insulation and beautiful ;
· Hand wheel quick opening structure with dual protection of pressure self-locking and self inspection;
· Equipped with 100-hour countdown reservation function ;
· One key electric drainage ;
· Equipped with boiling point setting function ;
· Standard equipped with condenser + air cooling + secondary water cooling rapid cooling system;
· One waterproof socket, two 485 ports and G1/2A standard test pipe thread holes ;
· Fault detection function, over temperature shutdown protection, water cut-off protection, overpressure self-relief protection, anti-hot protection, overload protection;
· Short circuit protection, leakage protection, independent electronic overvoltage protection and other multiple security.

Model	BXM-60EI	BXM-85EI	BXM-110EI
Volume [L]	60	85	110
Drum Diameter[mm]		400	
Power Supply [V, Hz]		220±10%, 50±2%	
Environment Temp. [℃]		5~40	
Environment Humidity [%RH]		20~80	
Power [kW]		3.5	
Sterilization Temp. [℃]	3.2	105~135	3.5
Temp. Fluctuation [℃]		＜±1	
Temp. Uniformity[℃]		≤±1	
Melting Temp. [℃]		50~100	
Heat Preservation Temp. [℃]		40-60	
Sterilization Timer Range [min]		0-120	
Melting Timer Range [min]		0-6000	
Heat Preservation Timer Range [min]		0-6000	
Reservation Range [min]		0-6000	
Design Pressure [MPa]		0.38	
Working Pressure [MPa]		0.22	
Pressure Gauge Indicating Range[MPa]		0-0.4	
Housing Dimensions W×D×H [mm]	535×640×1075	535×640×1165	535×640×1275
Basket Dimensions [mm]	Ø360×230	Ø360×270	Ø360×230
Number of Baskets [pc]	2	2	3
Net Weight/Gross Weight [kg]	100/118	105/124	111/130
Package Size [mm]	670×780×1240	670×780×1330	670×780×1440

BXM-FI Series

» Product Features:
BXM-FI is an upgrade from BXM-EI, with similar features, the following functions are added：
· Equipped with vacuum drying function, to avoid the secondary pollution of transfer drying after sterilization.

Optional accessories (BXM-EI/FI)
· Biosafety filter: 0.2μm temperature and pressure resistant filter;
· Special printer: realize date, time, temperature, sterilization process and curve printing ;
· Sample temperature probe: realize the printing of F0 value ;
· Verify the lead.

Sample Temperature Probe   Verify Lead Wire   Specialized Printer   Biosafety Filter

Model	BXM-60FI	BXM-85FI	BXM-110FI
Volume [L]	60	85	110
Drum diameter[mm]		400	
Power Supply [V, Hz]		220±10%, 50±2%	
Environment Temp. [℃]		5~40	
Environment Humidity [%RH]		20~80	
Power [kW]	4.8	5.2	5.4
Sterilization Temp. [℃]		105~135	
Temp. fluctuation [℃]		＜±1	
Temp. Uniformity[℃]		≤±1	
Melting Temp. [℃]		50~100	
Drying Temp. [℃]		80-130	
Heat Preservation Temp. [℃]		40-60	
Sterilization Timer Range [min]		0-120	
Drying Time. [min]		10-6000	
Melting Timer Range [min]		0-6000	
Heat Preservation Timer Range [min]		0-6000	
Reservation Range [min]		0-6000	
Design Pressure [MPa]		0.38	
Working Pressure [MPa]		0.22	
Pressure Gauge Indicating Range[MPa]		-0.1~0.5	
Housing Dimensions W×D×H [mm]	585×750×1075	585×750×1165	585×750×1275
Basket Dimensions [mm]	Ø360×230	Ø360×270	Ø360×230
Number of Baskets [pc]	2	2	3
Net Weight/Gross Weight [kg]	126/152	131/160	136/168
Package Size [mm]	730×900×1240	730×900×1330	730×900×1440

BXM-FE Series

» **Product Features:**
· BRIGHT II operating system,7 inch HD touch screen with adjustable angle, real time display of parameters;
· Peral type door opening structure with dual protection of self-locking and interlocking;
· The system can record alarms, historical data, operation logs, and USB flash drive export backups;
· Standard 26 sterilization procedures+4 melting and insulation procedures;
· Equipped with boiling point setting function ;
· One click exhaust and drainage;
· With reservation function;
· Positive pressure pulse, 6 levels cold air discharge procedure ;
· After sterilization, the 6-stage pressure relief rate is optional ;
· Water level detection+anti dry burning low water level protection function;
· Fault detection function, over temperature shutdown protection, water cut-off protection, overpressure self-relief protection, anti-hot protection, overload protection;
· Short circuit protection, leakage protection, independent electronic overvoltage protection and other multiple security;
· Standard sample temperature probe;
· One 485 data port, one USB port and one G1/2A verification port are standard;
· Optional :biosafety filter, verification lead, embedded printer.

Sample Temperature Probe Optionel

USB Port

Verification Port

Model	BXM-65FE	BXM-90FE
Volume [L]	65	90
Drum diameter[mm]	400	400
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%
Environment Temp. [℃]	5~40	5~40
Environment Humidity [%RH]	20~80	20~80
Power [kW]	2.7	3.1
Sterilization Temp. [℃]	105~135	105~135
Temp. Fluctuation [℃]	＜±1	＜±1
Temp. Uniformity[℃]	≤±1	≤±1
Melting Temp. [℃]	60~100	60~100
Heat Preservation Temp. [℃]	40-60	40-60
Sterilization Timer Range [min]	0-240	0-240
Melting Timer Range [min]	0-6000	0-6000
Heat Preservation Timer Range [min]	0-6000	0-6000
Reservation Range [min]	Appointment by Date	
Design Pressure [MPa]	0.39	0.39
Working Pressure [MPa]	0.24	0.24
Housing Dimensions W×D×H [mm]	605×513×915	605×513×1040
Cavity Size (mm)	Ø380×610	Ø380×735
Basket Dimensions [mm]	Ø360×250	Ø360×200
Number of Baskets [pc]	2	3

BXW-SD Series

» **Product Features:**
· BRIGHT I intelligent operating system;
· 7-inch touch screen, real time display of parameters;
· With reservation function;
· Multi level permission management function;
· The system records device events and times on its own, and supports exporting and backing up USB data;
· Support over 1 million data records ;
· Built in 9 sterilization programs+3 melting and insulation programs;
· A 6-level cold air emission program can be established to ensure complete cold air emission Supports three-level exhaust setting ;
· Standard sample temperature probe ;
· Water level detection+anti dry burning low water level protection function;
· Equipped with steam generator and water pump, automatic water addition;
· Optional: printer, stainless steel casing.

Control Panel

Model	BXW-280SD-AI	BXW-360SD-AI	BXW-500SD-AI
Volume [L]	280	360	500
Door Structure	spoke	spoke	spoke
Power [kW]	12.5	15.5	17
Power Supply [V, Hz]	380, 50	380, 50	380, 50
Temp. Range [℃]	109~131	109~131	109~131
Internal Dimensions [mm]	Ø600×1050	Ø700×1050	Ø700×1450
Housing Dimensions W×D×H [mm]	1000×1515×1803	1000×1515×1803	1000×1915×1803
Net Weight [kg]	600	650	670
Gross Weight [kg]	650	700	720
Package Size [mm]	1600×1000×2000	1600×1000×2000	2000×1026×2000

Model	BXW-280SD-GI	BXW-360SD-GI	BXW-500SD-GI
Volume [L]	280	360	500
Door Structure	spoke	spoke	spoke
Power [kW]	13.5	16.5	18
Power Supply [V, Hz]	380, 50	380, 50	380, 50
Temp. Range [℃]	109~131	109~131	109~131
Internal Dimensions [mm]	Ø600×1050	Ø700×1050	Ø700×1450
Housing Dimensions W×D×H [mm]	1000×1515×1803	1000×1515×1803	1000×1915×1803
Net Weight [kg]	600	650	670
Gross Weight [kg]	650	700	720
Package Size [mm]	1600×1000×2000	1600×1000×2000	2000×1026×2000

BXH-G Series

» Product Features:

· LCD display, real-time display of working status;
· BRIGHT I control system can automatically compensate the value of control parameters according to the change of environment;
· With countdown reservation function, the time range is 0 to 9999min;
· The fan has 6-stage speed regulation, which can meet the different requirements and avoid sample loss caused by dust;
· Programmable design: 10 segment -100 cycle program setting;
· Double over temperature alarm function (A. temperature sensor system, B. independent temperature control switch), to · ensure the equipment safe operation;
· Preheating chamber design, to ensure rapid heating and good heat distribution effect;
· Equipped with the inlet and outlet air filters, a RS-485 interface;
· Optional:printer.

Control Panel

Shelf Doorknob Exhaust Outlet Inlet and Outlet AirFilters

Model	BXH-65G	BXH-130G	BXH-210G	BXH-280G	BXH-450G
Volume [L]	64	129	210	284	452
Power Supply [V, Hz]	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60
Temp. Range [℃]	RT+5~300	RT+5~300	RT+5~300	RT+5~300	RT+5~300
Temp. Resolution [℃]	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation at 150℃[℃]	±0.3	±0.3	±0.5	±0.5	±0.5
Temp. Uniformity at 150℃ [℃]	±2	±1.9	±1.5	±2.2	±2.5
Heating Up Time to 150℃ [min]	17	20	20	20	22
Timer Range [min or h]	0~9999	0~9999	0~9999	0~9999	0~9999
Reservation Range [min]	0~9999	0~9999	0~9999	0~9999	0~9999
Power [W]	1550	2150	2750	2750	3500
Internal Dimensions W×D×H [mm]	410×350×450	570×400×570	630×530×630	720×530×745	600×580×1300
Housing Dimensions W×D×H [mm]	555×566×722	715×616×842	775×746×902	865×746×1017	774×845×1704
Number of Shelves (std./max.) [pc]	2 / 5	2 / 7	3 / 7	3 / 9	4 / 13
Load Per Shelf [kg]	25	25	25	25	25
Net Weight/Gross Weight [kg]	42/60	57/75	77/96	97/118	145/174
Package Size [mm]	675×726×872	835×776×992	895×906×1052	985×906×1167	894×1005×1854

LOW TEMPERATURE INCUBATOR

» APPLICABLE SCOPE:

The product is applicable in scientific research institutions, universities and colleges, manufacturing enterprises for environmental protection, sanitation and epidemic prevention, drug testing, farm livestock and aquatic products. It is a dedicated thermostatic equipment for water analysis, cultivation and conservation of bacteria, mould and microorganism by BOD measurement, planting and breeding experiments.

SPX-B-Z / MJX-B-Z Series

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· PAMMA I control system;
· With timing functions;
· Lighting device in working chamber (mould incubator is equipped with UV light);
· Large viewing angle heat preservation vacuum toughened glass;
· Power supply recovery function, data will not be lost when power failure and system halted.

SPX-B-Z / MJX-B-Z Series

SPX-B-ZII / MJX-B-ZII Series

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· PMMA II operating system, with over temperature alarm and self-diagnosis function;
· The fan has 6-stage speed regulation, which can meet the different requirements
· 8W fluorescent lamp in working chamber (mould incubator is equipped with 8W UV light);
· Large viewing angle heat preservation vacuum toughened glass is convenient for users to observe;
· Equipped with 220V power socket;
· Frequency conversion refrigeration system, environmental protection refrigerant (R134a), high efficiency, low energy consumption, full temperature continuous frost-free operation;
· Adopt imported compressor unit, low noise, stable performance;
· Power supply recovery function, data will not be lost when power failure and system halted.

SPX-B-ZII / MJX-B-ZII Series

Model	SPX-100B-Z MJX-100B-Z	SPX-150B-Z MJX-160B-Z	SPX-250B-Z MJX-250B-Z	SPX-100B-ZII MJX-100B-ZII	SPX-150B-ZII MJX-160B-ZII	SPX-250B-ZII MJX-250B-ZII
Volume [L]	100	150	250	100	150	250
Type	SPX Series Biochemical Incubator/MJX Series Mould Incubator					
Internal Dimensions W×D×H [mm]	450×380×585	500×335×955	505×450×1100	500×370×580	500×370×815	500×440×1100
Housing Dimensions W×D×H [mm]	580×570×1070	595×580×1232	615×620×1597	580×570×1070	595×580×1232	615×620×1597
Temp. Range [℃]	5-50	5-50	5-50	5~60	5~60	5~60
Temp. Resolution [℃]	0.1	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation [℃]	±1℃ (Heating) , ±2℃ (Cooling)			±0.7℃ (Heating) , ±1℃ (Cooling)		
Temp. Uniformity at 37℃[℃]	±2			±1.5		
Power [W]	300	300	360	500	500	670
Timer Range [h]	0-999h			0-9999min/h		
Number of Shelves (std./max.) [pc]	2/3	3/5	3/7	2/3	3/5	3/7
Load per Shelf [kg]	15					
Net Weight/Gross Weight [kg]	62/73	79/91	100/118	70/82	82/93	100/118
Package Size [mm]	680×670×1240	730×680×1400	720×720×1800	700×660×1260	700×660×1490	730×760×1820

BSP / BMJ Series

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· PMMA II operating system, with over temperature alarm and self-diagnosis function;
· Color LCD backlight display
· With screen lock time, screen saver password setting function, to prevent operation at will;
· Programmable design, it can be set 30 segments 99 cycles;
· Use centrifugal fan to make the temperature of the working room uniform and stable;
· Observation glass inner door;
· Test holes are equipped on both sides, internal diameter is 30mm;
· The fan has 6-stage speed regulation,
· With reservation and timing function;
· Equipped with mechanical lock;
· Equipped with 220V power socket;
· Equipped with fluorescent lamp in working chamber (mould incubator is equipped with UV light);
· Adopt imported compressor unit, low noise, stable performance;
· Power supply recovery function, data will not be lost when power failure and system halted.

Shelf　　　　Light　　　　Glass Lock Group

Model	BSP-100 BMJ-100	BSP-150 BMJ-160	BSP-250 BMJ-250	BSP-400 BMJ-400	BSP-800 BMJ-800
Volume [L]	100	150	250	400	800
Type	BSP Series Biochemical Incubator/BMJ Series Mould Incubator				
Temp. Range [°C]	4~70				
Temp. Resolution [°C]	0.1				
Temp. Fluctuation [°C]	±0.5°C（heating）±0.7°C（cooling）				
Temp. Uniformity at 37°C[°C]	±1				±1.5
Power [W]	1000	1000	1100	1350	2000
Timer Range [min/h]	0~9999				
Reservation Range [min]	0~9999				
Internal Dimensions W×D×H [mm]	490×390×610	510×390×760	510×450×1090	600×640×1050	1220×585×1123
Housing Dimensions W×D×H [mm]	630×680×1250	650×680×1400	650×740×1726	745×930×1695	1503×910×1820
Number of Shelves (std./max.) [pc]	2 / 4	3 / 5	4 / 7	4 / 7	6 / 12
Load per Shelf [kg]	15				
Net Weight/Gross Weight [kg]	91/109	103/119	120/150	150/182	286/342
Package Size [mm]	730×820×1440	750×820×1590	750×880×1910	890×1120×1880	1640×1090×2040

BSC / BMJ-C Series

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· PAMMA II control system, LCD screen displays temperature and time, over-temperature alarm function;
· Use centrifugal fan to make the temperature of the working room uniform and stable
· Double door design, observation glass inner door;
· Test holes are equipped on both sides, internal diameter is 30mm;
· Well-known international brand compressor, non-CFC refrigerant
· Equipped with mechanical lock,
· Integrated type refrigeration system,
· Imported humidity sensor, electric heating humidification system, large capacity water tank;
· Programmable design, it can be set 30 segments 99 cycles;
· Power supply recovery function, data will not be lost when power failure and system halted.

LCD Display　　　　Shelf　　　　Light

Model	BSC-150 BMJ-160C	BSC-250 BMJ-250C	BSC-400 BMJ-400C	BSC-800 BMJ-800C
Volume [L]	150	250	400	800
Type	BSC Series Constant Temperature & Humidity Incubator/BMJ-C Mould Incubator			
Temp. Range Without Humidifying [°C]	4~60			
Temp. Range With Humidifying [°C]	10~40			
Temp. Resolution [°C]	0.1			
Temp. Fluctuation at 25°C [°C]	±0.5			
Temp. Uniformity at 25°C [°C]	±1			
Humidity Range [%]	50~90			
Humidity Fluctuation [%]	±5			
Power [W]	1450	1500	1700	2600
Timer Range [min]	0~9999			
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1100	600×640×1050	1220×585×1123
Housing Dimensions W×D×H [mm]	650×680×1400	650×740×1726	745×930×1695	1503×910×1820
Number of Shelves [pc]	3	4	4	6
Net Weight/Gross Weight [kg]	114/131	132/162	162/194	298/354
Package Size [mm]	750×820×1590	750×880×1910	890×1120×1880	1600×1040×2020/1640×1090×2040

BXC Series

» **Product Features:**

· 4.3 inch LCD touch screen
· BRIGHT I control system can control parameter values according to environmental changes.
· Programmed multi segment parameter settings: 30 segment 99 cycle design;
· Can store data for more than 5 years (non SD card storage);
· Multi-level password management;
· Variable frequency refrigeration system;
· Equipped with interior door anti fog system;
· Double door design, observation glass inner door;
· Test holes are equipped on both sides, internal diameter is 30mm;
· Imported compressor, imported fan, imported temperature and humidity sensor;
· Over temperature and humidity alarm, over temperature shutdown protection, door open alarm, water shortage alarm, sensor fault alarm, overload protection, leakage protection, compressor over temperature protection, automatic water replenishment function, water and power outage function;
· Optional: online monitoring platform, GPRS SMS alarm, embedded printer, UV sterilization light.

| Doorknob | Compressor | Mechanical Lock | Shelf |

Model	BXC-150	BXC-250	BXC-400	BXC-800	BXC-1000	BXC-1600
Volume [L]	150	250	400	800	1000	1600
Temp. Range without Humidifying [°C]	0-70					
Temp. Range with Humidifying [°C]	10-60					
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C [°C]	±0.5					
Temp. Uniformity at 25°C [°C]	±1			±1.5		
Humidity Range [%]	25%-95%RH			30%-95%RH		
Humidity Fluctuation [%]	±3%RH			±5%RH		
Power [W]	1900	1950	2000	3500	3600	3700
Timer Range [min]	1~9999					
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123	1363×800×1500
Housing Dimensions W×D×H [mm]	650×820×1400	650×880×1724	745×1070×1695	1362×1068×1789	1362×1168×1789	1562×1238×2039
Number of Baskets [pc](std./max)	3/4	4/7	4/7	8/16	8/16	8/16
Net Weight/Gross Weight [kg]	106/122	123/153	153/185	288/344	340/390	—
Package Size [mm]	790×1000×1610	790×1210×1930	890×1250×1900	1510×1250×2010	1510×1400×2010	1710×1490×2250

BXC-S series

» **Product Features:**

· 7 inch LCD touch screen
· BRIGHT II control system can control parameter values according to environmental changes;
· Programmed multi segment parameter settings: 30 segment 99 cycle design;
· Can store data for more than 10 years (non SD card storage);
· Multi-level password management;
· Variable frequency refrigeration system;
· Equipped with interior door anti fog system;
· Imported compressor, imported fan, imported temperature and humidity sensor;
· Double door design, observation glass inner door;
· Configure USB interface, RS232 interface, RS485 interface;
· Test holes are equipped on both sides, internal diameter is 30mm;
· Over temperature and humidity alarm, over temperature shutdown protection, door open alarm, water shortage alarm, sensor fault alarm, overload protection, leakage protection, compressor over temperature protection, automatic water replenishment function, water and power outage function;
· Optional: online monitoring platform, GPRS SMS alarm, embedded printer.

| Sensor | Fan | Lock |

Model	BXC-150S	BXC-250S	BXC-400S	BXC-800S	BXC-1000S	BXC-1600S
Volume [L]	150	250	400	800	1000	1600
Temp. Range Without Humidifying [°C]	-10~85			0~85		
Temp. Range With Humidifying [°C]	10-60					
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C [°C]	±0.3					
Temp. Uniformity at 25°C [°C]	±0.8			±1		
Humidity Range [%]	15%-98%RH			20%-98%RH		
Humidity Fluctuation [%]	±2%RH			±3%RH		
Power [W]	1900	1950	2000	3100	3200	3300
Timer Range [min]	1~9999					
Internal Dimensions W×D×H [mm]	506×400×750	506×450×1100	600×610×1100	1200×610×1100	1200×760×1100	1400×850×1350
Housing Dimensions W×D×H [mm]	669×772×1444	669×822×1794	763×982×1794	1362×980×1782	1362×1130×1782	1562×1220×2040
Number of Baskets [pc](std./max)	3/6	4/12	4/12	4/12	4/12	4/12
Net Weight/Gross Weight [kg]	115/142	172/198	200/226	305/360.	—	—
Package Size [mm]	810×980×1660	795×1030×1980	920×1170×1990	1510×1160×2010	—	—

BXQ /BXMJ Series

» Product Features:

· 5-inch LCD touch screen;
· BRIGHT I control system;
· Programmed multi segment parameter settings: 30 segment 99 cycle design;
· Can store data for more than 10 years (non SD card storage);
· Multi-level password management;
· Equipped with appointment timing function;
· The fan has 6-stage speed regulation;
· Double door design, observation glass inner door;
· Variable frequency refrigeration, imported compressor;
· Equipped with one USB interface and two RS-485 interfaces;
· Equipped with mechanical lock;
· Test holes are equipped on both sides, internal diameter is 30mm;
· Equipped with 220V power socket;
· 8W fluorescent lamp in working chamber;
· Over temperature and humidity alarm, over temperature shutdown protection, door open alarm, water shortage alarm, sensor fault alarm, overload protection, leakage protection, compressor over temperature protection, automatic water replenishment function, water and power outage function;
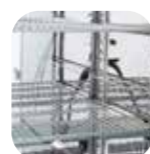· Optional: online monitoring platform, GPRS SMS alarm,printer.

Doorknob	Compressor	Mechanical Lock	Shelf	Waterproof Socket

Model	BXQ-150 BXMJ-150	BXQ-250 BXMJ-250	BXQ-400 BXMJ-400	BXQ-800 BXMJ-800	BXQ-1000 BXMJ-1000
Volume [L]	150	250	400	800	1000
Power Supply	AC 220V+10V 50/60Hz				
Ambient Temperature [℃]	10~30				
Temp. Range [℃]	4~70				
Temp. Resolution [℃]	0.1				
Temp. Fluctuation [℃]	±0.3(heating);±0.5(cooling)				
Temp. Uniformity at 25℃ [℃]	±0.8				
Power [W]	900	900	1100	1500	1500
Timer Range [min /h]	0~9999				
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123
Housing Dimensions W×D×H [mm]	650×680×1400	650×740×1726	745×930×1695	1503×910×1820	1505×1006×1811
Number of Shelves (std./max.) [pc]	3/5	4/7	4/7	8/12	8/12
Load per Shelf [kg]	15	15	15	15	15
Net Weight /Gross Weight [kg]	106/122	123/153	153/185	288/344	340/390
Package Size [mm]	770×840×1590	790×930×1930	890×1110×1900	1640×1090×2040	1640×1180×2040

HEATING INCUBATOR

» APPLICABLE SCOPE:

The water jacket incubator is a high precision constant temperature equipment. It is applicable for the plant germination, seedling and microorganism cultivation, insects or little animals breeding, BOD mensuration of water quality monitor and other experiments. It is an ideal apparatus for manufacturing, research, education institutes of biologic descendibility project, medicine, agriculture, forestry, environmental science, animal husbandry and aquaculture.

BG Series

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· LCD screen, temperature and time control, over-temperature alarm function;
· Heating with water jacket at both sides and bottom of the working chamber;
· A high quality low-noise fan is equipped in the working chamber to ensure the temperature uniformity;
· Power supply recovery function, data will not be lost when power failure and system halted.

Model	BG-50	BG-80	BG-160	BG-270
Volume [L]	46	70	160	247
Temp. Range [℃]	RT+2~65			
Temp. Resolution [℃]	0.1			
Temp. Fluctuation at 60℃ [℃]	±0.2			
Power Supply [V, Hz]	220±10%, 50±2%			
Power [W]	430	630	1030	1530
Internal Dimensions W×D×H [mm]	310×380×450	400×400×500	550×500×650	600×600×750
Housing Dimensions W×D×H [mm]	460×510×765	550×530×815	700×630×965	750×730×1065
Number of Shelves (std./max.) [pc]	2/4	2/4	3/5	3/6
Net Weight /Gross Weight [kg]	40/48	49/58	80/98	95/115
Package Size [mm]	580×620×910	670×640×960	830×750×1120	890×860×1260

BC-J Series

» **Product Features:**
· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel,the shelves can be adjusted optionally;
· PMMA II control system, LCD screen can display temperature, humidity, and CO2 concentration (TCD sensor type has no humidity display);
· IR sensor type: imported IR CO2 concentration sensor, UV light;
· TCD sensor type: 90°C high temperature moist heat sterilization;
· HEPA offers a filtration efficiency of 99.998% for 0.3μm particulate;
· Imported centrifugal fan with low noise and long life;
· Sound and light alarm function when over-temperature;
· Power supply recovery function, data will not be lost when power failure and system halted.

Door Gasket   Filter   Control Panel

Shelf   UV Light

Model	BC-J80	BC-J160	BC-J80	BC-J160	BC-J250	BC-J80	BC-J160	BC-J250
Type	Water-jacket IR	Water-jacket IR	Air-jacket IR	Air-jacket IR	Air-jacket IR	Air-jacket TCD	Air-jacket TCD	Air-jacket TCD
Volume [L]	80	160	80	160	250	80	160	250
Temp. Range [°C]	RT+5~60							
Temp. Resolution [°C]	0.1							
Temp. Fluctuation at 37°C [°C]	≤±0.3		≤±0.2					
Temp. Uniformity at 37°C [°C]	≤±0.5							
Power [W]	600	900	700	800	850	700	800	850
Power Supply [V, Hz]	220±10%, 50±2%							
CO2 Range [%]	0~20					0~19.9		
CO2 Control Mode	Infrared Sensor					TCD		
CO2 Recovery Time	≤concentration×1.2min					≤concentration×2min		
Internal Dimensions W×D×H [mm]	420×400×550	540×490×680	420×400×550	540×490×680	600×600×770	420×400×550	540×490×680	600×600×770
Housing Dimensions W×D×H [mm]	562×521×960	682×611×1090	580×560×900	700×650×1030	840×775×1175	580×560×900	700×650×1030	840×775×1175
Number of Shelves (std./max.) [pc]	2 / 4	3 / 5	2 / 4	3 / 5	3 / 7	2 / 4	3 / 5	3 / 7
Net Weight /Gross Weight [kg]	51/61	80/93	64/82	90/108	130/151	64/82	90/108	130/151
Package Size [mm]	700×660×1150	820×750×1280	720×700×1090	840×790×1220	980×920×1380	720×700×1090	840×790×1220	980×920×1380

HPX series

» **Product Features:**
· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· Adopting PMMA I operating system, temperature control, timing, and over temperature alarm；
· Imported motor and fan, intelligent temperature controller with timing function；
· Observation window on the door, convenient for users to observe;
· Nano material magnetic door seal strips and heat preservation material;
· Power supply recovery function, data will not be lost when power failure and system halted.

BPX series

» **Product Features:**
· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;
· Adopting PMMA I operating system, temperature control, timing, and over temperature alarm；
· Imported motor and fan, intelligent temperature controller with timing function；
· The fan has 6-stage speed regulation;
· LCD screen, temperature and time control, over-temperature alarm function;
· Observation window on the door, convenient for users to observe;
· Nano material magnetic door seal strips and heat preservation material;
· Programmable design, it can be set 10 segments 100 cycles;
· Power supply recovery function, data will not be lost when power failure and system halted.

HPX   BPX   Control Panel (HPX)   Control Panel (BPX)   Shelf   Temperature Sensor

Model	HPX-9052MBE BPX-52	HPX-9082MBE BPX-82	HPX-9162MBE BPX-162	HPX-9272MBE BPX-272	BPX-452	BPX-652	BPX-1002
Volume [L]	40	76	142	234	452	650	1000
Display	LED/LCD				LCD		
Temp. Range [°C]	RT+5~65/RT+5~85				RT+5~100		
Temp. Resolution [°C]	0.1				0.1		
Temp. Fluctuation at 37°C [°C]	±0.5				±0.8		
Temp. Uniformity at 37°C [°C]	±1.5(HPX)±1(BPX)				±2		
Power Supply [V, Hz]	220±10%, 50±2%				220±10%, 50±2%		
Power [W]	300	450	450	750	1500	1500	2000
Timer Range(min/h)	0~999(HPX),0~9999(BPX)				0~9999		
Internal Dimensions W×D×H [mm]	350×330×350	450×380×450	550×470×550	600×520×750	600×580×1300	720×650×1400	1100×650×1400
Housing Dimensions W×D×H [mm]	640×556×505	740×606×605	840×696×705	890×746×905	774×845×1704	865×866×1730	1220×850×1730
Number of Shelves (std./max.) [pc]	2/4	2/5	3/7	3/10	4/18	4/18	4/18
Net Weight /Gross Weight [kg]	37/47	50/61	68/91	88/111	-	-	-
Package Size [mm]	740×696×645	840×746×745	960×856×855	1010×906×1055	-	-	-

BXP Series/BXP-N Series(natural convection)

» **Product Features:**
- LCD display, real-time display of working status;
- BRIGHT I control system, automatically compensate parameters based on the environment;
- With countdown reservation function, the reservation time range is 99 hours 59 minutes;
- Programmable design: 10 segments 100 cycles program setting;
- Double over temperature alarm function (A. controlled by temperature sensor system, B. independent temperature control switch);
- The 6-stage speed regulation of the fan,(BXP-N series no fan);
- Preheating chamber design, to ensure rapid heating and good heat distribution effect;
- Double door design, with glass inner door;
- Equipped with 1 RS-485 interface.

Lock

Fan

Shelf

Model	BXP-65	BXP-130	BXP-210	BXP-280	BXP-450
Volume [L]	64	130	210	280	452
Temp. Range [℃]	RT+5~100				
Temp. Fluctuation at 37℃ [℃]	±0.3				
Temp. Uniformity at 37℃ [℃]	±0.8				
Heating-up Time to 60℃ [min]	16	20	15	15	25
Recovery time after 30 seconds door open at 60℃ [min]	14	13	10	10	11
Power [W]	500	500	750	950	1500
Internal Dimensions W×D×H [mm]	410×390×450	570×400×570	630×530×630	720×530×745	600×580×1300
Housing Dimensions W×D×H [mm]	575×566×722	715×616×842	775×746×902	865×730×1017	774×845×1704
Number of Shelves (std./max.) [pc]	2 / 5	2 / 7	3 / 7	3 / 9	4 / 13
Net Weight /Gross Weight [kg]	46/64	57/75	77/96	97/118	151/180
Package Size [mm]	675×726×872	835×776×992	895×906×1052	985×906×1167	894×1005×1854

Model	BXP-70N	BXP-140N	BXP-300N
Volume [L]	70	140	300
Temp. Range [℃]	RT+5~100		
Temp. Fluctuation at 37℃ [℃]	±0.5		
Temp. Uniformity at 37℃ [℃]	±0.6		
Power [W]	300	480	800
Internal Dimensions W×D×H [mm]	410×390×450	570×440×570	720×570×745
Housing Dimensions W×D×H [mm]	575×566×776	735×616×896	885×746×1071
Number of Shelves (std./max.) [pc]	2 / 5	2 / 7	3/9
Net Weight /Gross Weight [kg]	46/64	57/75	97/118
Package Size [mm]	695×726×926	855×776×1046	1005×906×1221

BXP-S Series

» **Product Features:**
- 5 inch touch screen, BRIGHT II control system, automatically compensate parameters based on the environment;
- Temperature record data and curves, alarm recording information can be viewed in real time;
- Multi-level password management function ;
- With reservation function;
- Store data for more than 10 years, and export them by U disk;
- Double over temperature alarm (a. controlled by temperature sensor system, b. independent temperature control switch);
- The 6-stage speed regulation of the fan ;
- 10 adjustable exhaust rates ;
- Preheating chamber design, to ensure rapid heating and good heat distribution effect;
- 5cm fully enclosed aluminum foil insulation layer, suitable for use in clean laboratories;
- Double door design;
- Equipped with 2 RS-485 interfaces and 1 USB interface;
- Optional: Printer, online monitoring platform, inlet and outlet air filter.

Operating Main Interface

Data Curve Viewing   Reservation Timing Interface   USB Export Interface

Model	BXP-65S	BXP-130S	BXP-280S	BXP-450S	BXP-530S
Volume [L]	65	130	280	450	530
Temp. Range [℃]	RT+5~100				
Temp. Fluctuation at 37℃ [℃]	±0.2				
Temp. Uniformity at 37℃ [℃]	±0.6				
Heating-up Time to 60℃ [min]	16	20	15	25	25
Recovery time after 30 seconds door open at 60℃ [min]	14	13	10	11	11
Power [W]	550	550	1000	1500	1000
Internal Dimensions W×D×H [mm]	410×350×450	570×400×570	720×530×745	600×580×1300	1070×595×835
Housing Dimensions W×D×H [mm]	575×615×635	735×665×755	885×795×930	774×845×1574	1235×850×1080
Number of Shelves (std./max.) [pc]	2 / 5	2 / 7	3 / 9	4 / 13	3 / 12
Net Weight /Gross Weight [kg]	52/73	67/88	102/125	150/179	167/190
Package Size [mm]	695×768×787	855×818×907	1005×948×1082	894×1005×1724	854×965×1614

SHAKER

» **APPLICABLE SCOPE:**

It is widely used in germ culture, ferment, hybridization, and research of biochemical reaction, enzyme and cellular tissue and all those require high temperature and oscillation frequency.

BSD-TX Series

» **Product Features:**

· Single axis drive, infinitely adjustable oscillation amplitude, oscillation frequency 30-600rpm;

· Intelligent sound and light alarm;

· PMMA II control system, display set and actual parameters;

· Operating parameters have encryption and memory functions;

· Power-off recovery function, the equipment can restore working automatically according to the original setting program when the power is recovered;

· Electrostatic spray plastics housing, mirror stainless steel chamber, toughened glass observation window.

Model	BSD-TX270	BSD-TX370	BSD-TX345	BSD-TX318
Volume [L]	70	70	45	18
Temp. Range [℃]	5~60	RT+5~60	RT+5~60	RT+5~60
Temp. Resolution [℃]	0.1	0.1	0.1	0.1
Temp. Fluctuation at 37℃ [℃]	±0.5	±0.5	±0.5	±0.5
Temp. Uniformity at 37℃ [℃]	±1	±1	±1	±1
Oscillation Mode	Reciprocating	Reciprocating	Reciprocating	Reciprocating
Rotation Rate [rpm]	30~300	30~300	30~300	30~300
Vibration Amplitude [mm]	Ø0~40	Ø0~40	Ø0~40	Ø0~40
Power [W]	800	500	500	500
Timer Range [min/h]	0~999	0~999	0~999	0~999
Housing Dimensions W×D×H [mm]	750×750×510	750×750×510	620×600×520	470×450×420
Tray Size W×D [mm]	440×390	440×390	400×370	290×260
Standard Configuration [ml×pc]	250×10	250×10	250×8	250×5
Full Load Configuration [ml×pc]	50×31 or 100×31 or 250×15 or 500×10 or 1000×6	50×31 or 100×31 or 250×15 or 500×10 or 1000×6	50×23 or 100×23 or 250×13 or 500×9 or 1000×4	50×9 or 100×9 or 250×6
Net Weight/Gross Weight [kg]	91/125	81/115	72/100	44/59
Package Size [mm]	890×910×720	890×910×720	800×800×710	610×590×560

BXYC-LX Series

» **Product Features:**

· Adopting the BRIGHT I intelligent operating system, it can automatically compensate for control parameter values according to environmental changes;

· 7-inch touch screen, displaying real-time parameters;

· Multi segment programmable, capable of setting 30 segments and 999 cycles;

· With reservation function and multi-level permission operation;

· With event recording function, curve and data viewing function;

· USB storage function, with 1 million data records. Support for USB drive data export;

· High quality compressor, DC motor;

· Tempered glass doors with mechanical locks;

· Humidity control model with water tank (BXYC-LX1***series).

Inverter Compressor   Viewing Window

Model	BXYC-LX3600/3400/3200	BXYC-LX2600/2400/2200	BXYC-LX1600/1400
Volume [L]	600 /400 / 200	600 /400 / 200	600 /400
Temp. Range [℃]	RT+5~60	4~60	4~60
Temp. Resolution [℃]	0.1	0.1	0.1
Temp. Fluctuation at 37℃ [℃]	±0.3	±0.3	±0.3
Temp. Uniformity at 37℃ [℃]	±1	±1	±1
Humidity Range [%]	-	-	Ambient Humidity -95%RH
Humidity Fluctuation [%]	-	-	±3
Rotation Rate [rpm]	30~300	30~300	30~300
Rotation Accuracy [rpm]	±1	±1	±1
Vibration Amplitude [mm]	Ø26 /Ø26 /Ø26	Ø35/ Ø26/Ø26	Ø35/Ø26
Timer Range [h]	0~9999	0~9999	0~9999
Number of Trays [pc]	2	2	2
Power Supply [V, Hz]	220, 50/60	220, 50/60	220, 50/60
Power [W]	1600/1400/1000	1800/1600/1200	2800/2600
Internal Dimensions W×D×H [mm]	1100×665×830/860×580×800/630×490×640		1100×665×830/860×580×800
Housing Dimensions W×D×H [mm]	1430×825×1590/1200×740×1500/730×685×1300		1430×825×1590/1200×740×1500
Tray Size W×D [mm]	970×560/755×478/530×410		970×560/755×478
Standard Configuration [ml×pc]	250×35 and 500×35/250×52/250×20		250×35 and 500×35/250×52
Full Load Configuration [ml×pc] 600	50×164 or 100×164 or 250×90 or 500×74 or 750×52 or 1000×36		
400	50×104 or 100×104 or 250×66 or 500×50 or 750×36 or 1000×26		
200	50×60 or 100×60 or 250×38 or 500×26 or 750×20		—
Net Weight [kg]	430/311/193	450/330/212	468/348
Gross Weight [kg]	545/391/239	565/410/258	583/428
Package Size [mm]	1590×995×1820/1350×910×1730/890×845×1520		1590×995×1820/1350×910×1730

BXYC-WX Series

» **Product Features:**

· Adopting the BRIGHT I intelligent operating system, it can automatically compensate for control parameter values according to environmental changes;

· 7-inch touch screen, displaying real-time parameters;

· Multi segment programmable, capable of setting 30 segments and 999 cycles;

· With reservation function and multi-level permission operation;

· With event recording function, curve and data viewing function;

· USB storage function, with 1 million data records. Support for USB drive data export;

· High quality compressor, DC motor;

· Tempered glass doors with mechanical locks;

· Humidity control model with water tank(BXYC-WX1***series).

Control Panel

Model	BXYC-WX3350/3280/3200	BXYC-WX2350/2280/2200	BXYC-WX1350/1280
Volume [L]	350 / 280 / 200	350 / 280 / 200	350 / 280
Temp. Range [℃]	RT+5~60	4~60	4~60
Temp. Resolution [℃]	0.1	0.1	0.1
Temp. Fluctuation at 37℃ [℃]	±0.3	±0.3	±0.3
Temp. Uniformity at 37℃ [℃]	±1	±1	±1
Humidity Range [%]	-	-	Ambient Humidity -95%RH
Humidity Fluctuation [%]	-	-	±3
Rotation Rate [rpm]	30~300	30~300	30~300
Rotation Accuracy [rpm]	±1	±1	±1
Vibration Amplitude [mm]	Ø26	Ø26	Ø26
Timer Range [h]	0~999	0~999	0~999
Number of Trays [pc]	1	1	1
Power Supply [V, Hz]	220, 50/60	220, 50/60	220, 50/60
Power [W]	1400/1200/1100	1800/1600/1500	2800/2400
Internal Dimensions W×D×H [mm]	1035×675×470/1010×590×470/1010×590×310		1035×675×470/1010×590×470
Housing Dimensions W×D×H [mm]	1380×800×1010/1350×700×1000/1260×730×850		1380×800×1010/1350×700×1000
Tray Size W×D [mm]	970×605/950×530/950×530		970×605/950×530
Standard Configuration [ml×pc]	2000×8/2000×6/500×20		2000×8/2000×6
Full Load Configuration [ml×pc] 350	50×103 or 100×103 or 250×63 or 500×41 or 750×32 or 1000×22 or 2000×15 or 3000×11 or 5000×7		
Full Load Configuration [ml×pc] 280	50×71 or 100×71 or 250×45 or 500×37 or 750×29 or 1000×18 or 2000×15 or 3000×8 or 5000×7		
Full Load Configuration [ml×pc] 200	50×71 or 100×71 or 250×45 or 500×37 or 750×29 or 1000×18		—
Net Weight [kg]	270/242/219	278/262/228	282/266
Gross Weight [kg]	350/302/247	358/322/256	362/328
Package Size [mm]	1540×1000×1240/1410×910×1200/1410×910×1030		1540×1000×1240/1410×910×1200

BXYC-WX-L Series

» **Product Features:**

· The characteristics of the illuminated horizontal intelligent precision shaking table product are the same as those of BXYC-WX series;

· Adopting full spectrum high intensity LED lights, with infinitely adjustable lighting intensity.
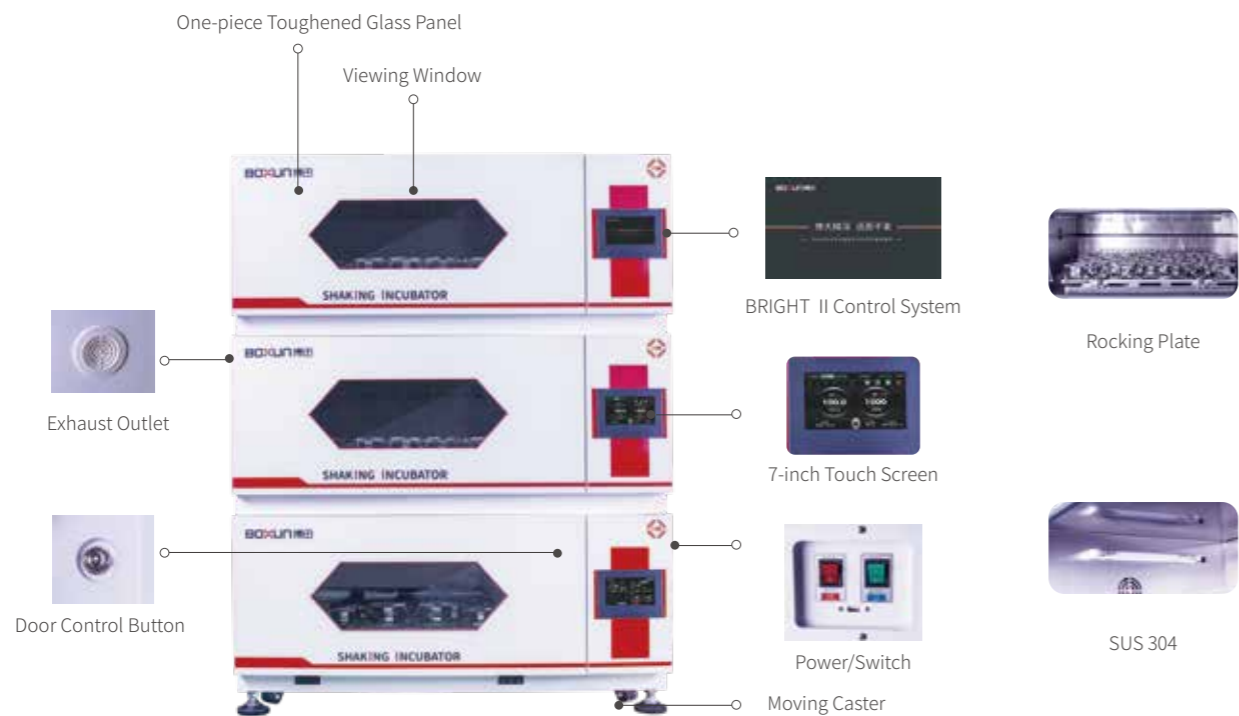
LED Light

BXYC-WX-C Series

» **Product Features:**

· The characteristics of the carbon dioxide horizontal intelligent precision shaking table are the same as those of the BXYC-WX series;

· Equipped with high-precision carbon dioxide infrared sensor and pressure reducing valve.

CO₂

Model	BXYC-WX2350L/2280L/2200L BXYC-WX2350C/2280C/2200C	BXYC-WX1350L/1280L BXYC-WX1350C/1280C
Temp. Range [℃]	4~60	4~60
Temp. Resolution [℃]	0.1	0.1
Temp. Fluctuation at 37℃ [℃]	±0.3	±0.3
Temp. Uniformity at 37℃ [℃]	±1	±1
Humidity Range [%]	-	Ambient Humidity -95%RH
Humidity Fluctuation [%]	-	±3
CO2 Range [%]	—/0~20	—/0~20
CO2 Accuracy [%]	—/0.1	—/0.1
Illuminance [Lux]	0~20000/—	0~20000/—
Rotation Rate [rpm]	30~300	30~300
Rotation Accuracy [rpm]	±1	±1
Vibration Amplitude [mm]	Ø26	Φ26
Timer Range [h]	0~999	0~999
Power Supply [V, Hz]	220, 50/60	220, 50/60
Power [W]	1800/1600/1500	2800/2400
Internal Dimensions W×D×H [mm]	1035×675×470/1010×590×470/1010×590×310	1035×675×470/1010×590×470.
Housing Dimensions W×D×H [mm]	1380×800×1010/1350×700×1000/1260×730×850	1380×800×1010/1350×700×1000
Tray Size W×D [mm]	970×605/950×530/950×530	970×605/950×530
Standard Configuration [ml×pc]	2000×8/2000×6/500×20	2000×8/2000×6
Full Load Configuration [ml×pc] 350	50×103 /100×103 /250×63 /500×41 /1000×22 /2000×15 /3000×11/ 5000×7	
Full Load Configuration [ml×pc] 280	50×71 /100×71 /250×45 /500×37 /1000×18 /2000×15 or 3000×8 or 5000×7	
Full Load Configuration [ml×pc] 200	50×71 or 100×71 or 250×45 or 500×37 or 1000×18	—
Net weight [kg]	278/262/228	282/266
Gross weight [kg]	358/322/256	362/328
Package size [mm]	1540×1000×1240/1510×910×1190/1400×900×1030	1540×1000×1240/1510×910×1190

BXYC-DX Series

» **Product Features:**

- Flip open door design, movable shaking board;
- BRIGHT II control system, it can automatically compensate for control parameter values according to environmental changes;
- 7-inch touch screen, displaying real-time parameters;
- Programmable, 5 pieces, 30 segments, and 99 cycles;
- Equipped with appointment and screen saver functions;
- With event recording function, curve and data viewing function;
- USB storage function, with 150 thousand data records. Support for USB drive data export;
- With reservation function and multi-level permission operation;
- Standard with lights and UV lights;
- Three rotation modes, built-in humidification tray, stainless steel waterproof design;

One-piece Toughened Glass Panel
Viewing Window
BRIGHT II Control System
Rocking Plate
Exhaust Outlet
7-inch Touch Screen
Door Control Button
Power/Switch
SUS 304
Moving Caster

(The standard configuration is one machine, and the picture is displayed as three machines stack.)

BXYC-DX -C Series

» **Product Features:**

- The features of the same stacked intelligent precision shaking table product are the same. Imported carbon dioxide infrared concentration sensors are selected with high accuracy;
- Equipped with carbon dioxide pressure reducing valves;
- Each layer is equipped with two electromagnetic valves for fast and slow charging to automatically control the carbon dioxide flow rate, ensuring stable carbon dioxide gas flow rate.

Viewing Window
One-piece Toughened Glass Panel
7-inch Touch Screen
Exhaust Outlet
Stainless Steel Inner Cavity
Silent Compressor
Compression Connecting Rod
CO_2 Infrared Sensor

(The standard configuration is one machine, and the picture is displayed as three machines stack.)

Model	BXYC-DX3285/3200/3190/3175	BXYC-DX2285/2200/2190/2175 BXYC-DX2285/2200/2190/2175C	BXYC-DX1285/1200/1190/1175 BXYC-DX1285/1200/1190/1175C
Temp. Range [℃]	RT +5~60	4~60	4~60
Temp. Resolution [℃]	0.1	0.1	0.1
Temp. Fluctuation at 37℃ [℃]	±0.3	±0.3	±0.3
Temp. Uniformity at 37℃ [℃]	±0.6	±0.6	±0.6
Humidity Range [%]	—	—	Ambient Humidity -95%RH
Humidity Fluctuation [%]	—	—	±5
CO2 Range [%]	—	— /0~20	— /0~20
CO2 Accuracy at 5% [%]	—	— /0.1	— /0.1
Rotation Rate [rpm]	20~350(top:20~300）	20~350(top:20~300）	20~350(top:20~300）
Rotation Accuracy [rpm]	±1	±1	±1
Vibration Amplitude [mm]	Ø26	Ø26	Ø26
Timer Range [h]	0~999	0~999	0~999
Power Supply [V, Hz]	220, 50/60	220, 50/60	220, 50/60
Power [W]	1600/550/1000/550	1800/650/1200/650	1850/700/1250/700
Internal Dimensions W×D×H [mm]	965*630*460/610*590*555/720*570*460/610*590*480		
Housing Dimensions W×D×H [mm]	1360*830*620/870*755*730/1120*790*620/890*760*650(single layer)		
Tray Size W×D (single layer) [mm]	835*515/480*470/615*465/480*470		
Standard Configuration (single layer) [ml×pc]	500*33/500*16/500*21/500*16		
Full Load Configuration (single layer) [ml×pc] Flask holder or Sticky trap	285	250×60/500×40/1000×20/2000×11 or 250×55/500×33/1000×18/2000×15	
	200	250×25/500×16/1000×9/2000×5/3000×5/5000×4 or 250×25/500×16/1000×9/2000×5/3000×4/5000×2	
	190	250×32/500×21/1000×13/2000×7 or 250×32/500×20/1000×12/2000×8	
	175	250×25/500×16/1000×9/2000×5 or 250×25/500×16/1000×9/2000×5	
Net weight [kg]	260/145/220/160	270/165/230/160	275/170/235/165
Gross weight [kg]	340/225/300/240	350/245/310/240	355/350/315/245
Package size [mm]	1520×990×830/930×1020×930/1284×950×810/930×1020×850		

SHZ / THZ Series

» Product Features:

- Microcomputer temperature and frequency controller, LCD display screen;
- Stainless steel chamber;
- Equipped with lamp(THZ-98);
- With power outage recovery and parameter memory function;
- Universal spring fixture;
- Equipped with timing function.

SHZ　　　　THZ-92　　　　THZ-98(A,B,C)

Model	SHZ-A	SHZ-B	SHZ-C	THZ-92A
Type	Water Bath	Water Bath	Water Bath	Air Bath
Temp. Range [℃]	RT+5~100	RT+5~100	RT+5~100	RT+5~50
Oscillation Mode	Orbital	Orbital or Reciprocating	Reciprocating	Orbital
Rotation Rate [rpm]	0~220	"0~220 (Orbital) 0~300 (Reciprocating)"	0~300	0~220
Vibration Amplitude [mm]	20	"20 (Orbital) 30 (Reciprocating)"	30	20
Power [W]	1600	1600	1600	400
Timer Range (min/h)	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	480×390×170	480×390×170	480×390×170	500×400×250
Housing Dimensions W×D×H [mm]	705×515×470	705×515×470	705×515×470	705×455×440
Tray Size W×D×H [mm]	380×300×170	380×300×170	380×300×170	430×340×230
Full Load Configuration [ml×pc]	500×6 or 1000×3	500×6 or 1000×3	500×6 or 1000×3	500×6 or 1000×2
Net weight/Gross weight [kg]	45/61	50/68	45/61	40/55
Package size [mm]	810×600×600	810×600×600	810×600×600	810×560×580

Model	THZ-92B	THZ-92C	THZ-98A	THZ-98B	THZ-98C
Type	Air Bath	Air Bath	Air Bath	Air Bath	Air Bath
Temp. Range [℃]	RT+5~50	RT+5~50	RT+5~65	RT+5~65	RT+5~65
Oscillation Mode	Orbital or Reciprocating	Reciprocating	Orbital	Orbital or Reciprocating	Reciprocating
Rotation Rate [rpm]	0~220 (Orbital) 0~300 (Reciprocating)	0~300	40~300	40~300	40~300
Vibration Amplitude [mm]	20 (Orbital) 30 (Reciprocating)	30	20	20 (Orbital) 30 (Reciprocating)	30
Power [W]	400	400	300	300	300
Timer Range (min/h)	0~9999	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	500×400×250	500×400×250	-	-	-
Housing Dimensions W×D×H [mm]	705×455×440	705×455×440	740×480×500	740×480×500	740×480×500
Tray Size W×D×H [mm]	430×340×230	430×340×230	430×340×320	430×340×320	430×340×320
Full Load Configuration [ml×pc]	500×6 or 1000×2	500×6 or 1000×2	500×6 or 1000×2	500×6 or 1000×2	500×6 or 1000×2
Net weight/Gross weight [kg]	45/60	40/55	44/60	54/79	44/60
Package size [mm]	810×560×580	810×560×580	800×560×530	860×600×730	800×560×530

PLANT GROWTH INCUBATOR

» APPLICABLE SCOPE:

It mainly provides a stable temperature, humidity and light environment for test samples, accurately simulates the temperature, humidity and light intensity of day and night and seasonal conditions, and provides users with the climatic growth conditions of various plants.It is suitable for seed germination, seedling cultivation, plant growth and tissue culture, plant cultivation and breeding, model biological culture, etc.

BXG-I Series

» Product Features:

- BRIGHT I control system, automatically compensate parameters based on the environment;
- 4.3 inch LCD touch screen;
- Support for viewing alarm records, data, and curves;
- Supports storage of 100000 records and USB data export, multi-level password management;
- Variable frequency cooling, adjustable height partition type light source;
- Full spectrum LED light, each layer of lighting panel can be individually adjusted.
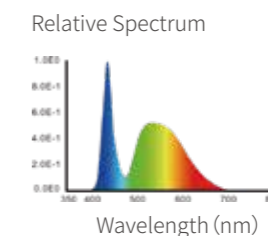
Optional
- Equipped with water storage tank and atomized humidification;
- Imported humidity sensor.

Relative Spectrum

LED Light　　　　Lock　　　　Wavelength (nm)

Model	BXG-250I	BXG-400I	BXG-800I	BXG-1000I
Volume [L]	250	400	800	1000
Temp. Range [℃]	0~70	0~70	0~70	0~70
Temp. Resolution [℃]	0.1	0.1	0.1	0.1
Temp. Fluctuation at 25℃ [℃]	±0.5	±0.5	±0.5	±0.5
Temp. Uniformity at 25℃ [℃]	±1	±1	±1.5	±1.5
Illuminance [Lux]	0~65000	0~65000	0~65000	0~65000
Power [W]	1450	1750	3100	3350
Growth Height [cm]	30	30	30	30
Total Growth Area [m²]	0.69	1.15	2.14	2.74
Internal Dimensions W×D×H [mm]	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123
Housing Dimensions W×D×H [mm]	650×740×1726	745×930×1695	1503×910×1820	1505×1006×1811
Number of Shelves (std./max.) [pc]	3 / 4	3 / 4	3 / 4	3 / 4
Number of Layer Illumination Shelf (std./max.) [pc]	3 / 4	3 / 4	3 / 4	3 / 4
Optional: With Humidity Control				
Humidity Range [%]	50~95	50~95	50~95	50~95
Humidity Fluctuation [%]	±3~7	±3~7	±3~7	±3~7
Power [W]	2050	2350	3700	3950
Net weight/Gross weight [kg]	143/173	169/201	330/386	340/390
Package size [mm]	790×930×1930	890×1110×1900	1640×1090×2040	1640×1180×2040

BXL Series（ILLUMINATION INCUBATOR）

» Product Features:

· BRIGHT I control system, automatically compensate parameters based on the environment;
· 4.3 inch LCD touch screen;
· Support for viewing alarm records, data, and curves;
· Supports storage of 100000 records and USB data export, multi-level password management;
· Variable frequency cooling, adjustable height partition type light source;
· Full spectrum LED light, each layer of lighting panel can be individually adjusted.

BXA Series（ARTIFICIAL CLIMATE INCUBATOR）

» Product Features:

· Same features as
  BXL series;
· Equipped with water
  storage tank and
  atomized humidification;
· Imported humidity sensor.

Doorknob LED Light

Shelf

Full Spectrum LED
Spectrogram of Plant Growth

Model	BXL-250 /BXA-250	BXL-400 /BXA-400	BXL-800 /BXA-800	BXL-1000 /BXA-1000
Volume [L]	250	400	800	1000
Temp. Range [℃]	0~70	0~70	0~70	0~70
Temp. Resolution [℃]	0.1	0.1	0.1	0.1
Temp. Fluctuation at 25℃ [℃]	±0.5	±0.5	±0.5	±0.5
Temp. Uniformity at 25℃ [℃]	±1	±1	±1.5	±1.5
Illuminance [Lux]	0-40000	0-40000	0-40000	0-40000
Humidity Range [%]	—/50~95	—/50~95	—/50~95	—/50~95
Humidity Fluctuation [%]	—/±3~7	—/±3~7	—/±3~7	—/±3~7
Illuminance [Lux]	0~40000	0~40000	0~40000	0~40000
Power [W]	1450/2050	1750/2350	3100/3700	3350/3950
Growth Height [cm]	45	45	45	45
Total Growth Area [m²]	0.46	0.77	1.43	1.83
Internal Dimensions W×D×H [mm]	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123
Housing Dimensions W×D×H [mm]	650×740×1726	745×930×1695	1503×910×1820	1505×1006×1811
Number of Shelves (std./max.) [pcs]	2 / 4	2 / 4	2 / 4	2 / 4
Number of Layer Illumination Shelves (std./max.) [pcs]	2 / 4	2 / 4	2 / 4	2 / 4
Net Weight [kg]	143	169	330	340
Gross Weight [kg]	173	201	386	390
Package Size [mm]	790×930×1930	890×1110×1900	1640×1090×2040	1640×1180×2040

BSG Series（ILLUMINATION INCUBATOR）

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics,
  the working chamber is made of mirror stainless steel,
  the shelves can be adjusted optionally;
· PMMA II control system, LCD screen displays temperature, time and
  illuminance, over-temperature alarm function;
· Observation glass inner door;
· Test hole is equipped on the top, internal diameter is 30mm;
· Well-known international brand compressor, non-CFC refrigerant ;
· Equipped with mechanical lock;
· Integrated type refrigeration system;
· Programmable design, it can be set 30 segments 99 cycles;
· Illuminance can be adjusted in six steps, three-dimensional lighting type;
· Power supply recovery function, data will not be lost when power failure
  and system halted.

Illumination Board

BIC Series（ARTIFICIAL CLIMATE INCUBATOR）

» Product Features:

· Same characteristics as BSG series;
· Equipped with an external water tank
  to increase humidity, equipped
  with an imported humidity sensor.

Compressor Glass Door Lock

Model	BSG-250 /BIC-250	BSG-300 /BIC-300	BSG-400 /BIC-400	BSG-800 /BIC-800
Volume [L]	250	300	400	800
Temp. Range without Lighting [℃]	0~60	0~60	0~60	0~60
Temp. Range with Lighting [℃]	10~60	10~60	10~60	10~60
Temp. Resolution [℃]	0.1	0.1	0.1	0.1
Temp. Fluctuation at 37℃ [℃]	±0.5	±0.5	±0.5	±0.5
Temp. Uniformity at 37℃ [℃]	±1.5	±1.5	±1.5	±2
Humidity Range [%]	—/60-90	—/60-90	—/60-90	—/60-90
Humidity Fluctuation [%]	—/±5	—/±5	—/±5	—/±5
Illuminance [Lux]	0~15000	0~15000	0~15000	0~15000
Power [W]	1300/1600	1500/1900	1500/1900	3300/4500
Timer Range [min]	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	480×480×1100	540×520×1100	554×610×1148	1220×585×1123
Housing Dimensions W×D×H [mm]	710×775×1770	770×815×1770	783×905×1818	1633×910×1820
Number of Shelves (std./max.) [pc]	4 / 7	4 / 7	4 / 7	6 / 12
Net Weight [kg]	179/182	203/206	230/230	410/415
Gross Weight [kg]	206/209	236/239	250/250	450/467
Package Size [mm]	800×910×1960	920×1000×1950	930×1090×2000	1730×1040×2020

BXAT Series(ARABIDOPSIS THALIANA INCUBATOR)
## BXDF Series(DROSOPHILA INCUBATOR)
BXSG Series(GERMINATION INCUBATOR)

» **Product Features:**

· BRIGHT I control system, automatically compensate parameters based on the environment;

· 4.3 inch LCD touch screen;

· Support for viewing alarm records, data, and curves;

· Supports storage of 100000 records and USB data export,multi-level password management;

· Variable frequency cooling, adjustable height partition type light source;

· Full spectrum LED light, each layer of lighting panel can be individually adjusted.

Optional

· Equipped with water storage tank and atomized humidification;

· Imported humidity sensor.

Relative spectrum

wavelength （nm）
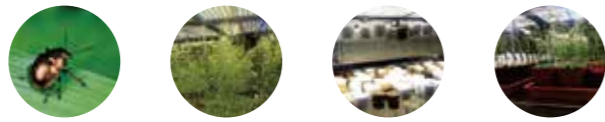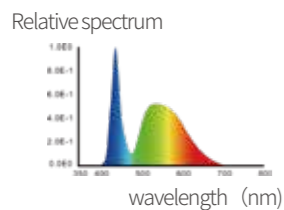
Model	BXAT-250 /BXDF-250 /BXSG-250	BXAT-400 /BXDF-400 /BXSG-400	BXAT-800 /BXDF-800 /BXSG-800	BXAT-1000 /BXDF-1000 /BXSG-1000
Volume [L]	250	400	800	1000
Temp. Range [℃]	0~70			
Temp. Resolution [℃]	0.1			
Temp. Fluctuation at 25℃ [℃]	±0.5			
Temp. Uniformity at 25℃ [℃]	±1	±1	±1.5	±1.5
Illuminance [Lux]	0-20000/0-30000/0-20000			
Power [W]	1450	1750	3100	3350
Growth Height [cm]	45/45/30			
Total Growth Area [m²]	0.46/0.46/0.69	0.77/0.77/1.15	1.43/1.43/2.14	1.83/1.83/2.74
Internal Dimensions W×D×H [mm]	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123
Housing Dimensions W×D×H [mm]	650×740×1726	745×930×1695	1503×910×1820	1505×1006×1811
Number of Shelves (std./max.) [pc]		2/4(BXAT) 2/4(BXDF) 3/4(BXSG)		
Number of Layer Illumination Shelf (std./max.) [pc]		2/4(BXAT) 1/4(BXDF) 3/4(BXSG)		
Optional: With Humidity Control				
Humidity Range [%]	50~95			
Humidity Fluctuation [%]	±3~7			
Power [W]	2050	2350	3700	3950
Net Weight [kg]	143	169	330	340
Gross Weight [kg]	173	201	386	390
Package Size [mm]	790×930×1930	890×1110×1900	1640×1090×2040	1640×1180×2040

BSS Series

» **Product Features:**

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;

· PMMA II control system, LCD screen displays temperature, time and humidity, over-temperature alarm function;

· Test hole is on both sides, internal diameter is 30mm;

· Centrifugal fan, brand compressor, fluorine free refrigerant;

· Equipped with mechanical lock,;

· Integrated type refrigeration system;

· Programmable design, it can be set 30 segments 99 cycles;

· Power supply recovery function, data will not be lost when power failure and system halted.

LCD Display · · · · · · Shelf · · · · · · Light

Model	BSS-150	BSS-250	BSS-400
Volume [L]	150	250	400
Power Supply	AC 220V+10V 50/60Hz		
Ambient Temperature [℃]	10~30		
Temp. Range without Humidifying [℃]	4~60		
Temp. Range with Humidifying [℃]	10~60		
Temp. Resolution [℃]	0.1		
Temp. Fluctuation [℃]	±0.5(heating);±0.7(cooling)		
Temp. Uniformity at 25℃ [℃]	±1		
Humidity Range (RH) [%]	20~60		
Power [W]	1300	1400	1750
Timer Range [min]	0~9999		
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1100	600×640×1050
Housing Dimensions W×D×H [mm]	650×680×1400	650×740×1726	745×930×1695
Number of Shelves [pcs]	3	4	4
Load per Shelf [kg]	15	15	15
Net Weight /Gross Weight [kg]	114/131	132/162	162/194
Package Size [mm]	750×820×1590	750×880×1910	890×1120×1880

OVEN/FURNACE

» APPLICABLE SCOPE:

The drying oven (hot-air sterilizer) is applicable for drying, baking, melting and sterilization in dustrial and mining enterprises, laboratories and scientific research institutes.

GZX Series (200°C)

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted at will;

· PMMA I control system, equipped with temperaturecontrol, timing, and over temperature alarm functions;

· Glass observation window, door with rotating two-stage locking structure;

· Preheating chamber design with power supply recovery function.

Control Panel   Stainless Steel Inner Cavity   Viewing Window

Model	GZX-9023MBE	GZX-9030MBE	GZX-9070MBE	GZX-9140MBE	GZX-9240MBE	GZX-9420MBE
Volume [L]	23	40	76	142	234	456
Temp. Range [°C]	RT+5~200	RT+5~200	RT+5~200	RT+5~200	RT+5~200	RT+5~200
Temp. Resolution [°C]	1	1	1	1	1	1
Temp. Fluctuation at 105°C [°C]	±1	±1	±1	±1	±1	±1
Temp. Uniformity [%]	±2.5	±2.5	±2.5	±2.5	±2.5	±2.5
Heating Rate to 180°C [°C/min]	>4	>4	>4	>4	>4	>4
Power [W]	750	950	1350	1750	2150	3000
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	380, 50
Timer Range [min]	0~999	0~999	0~999	0~999	0~999	0~999
Internal Dimensions W×D×H [mm]	300×285×275	350×330×350	450×380×450	550×470×550	600×520×750	600×585×1300
Housing Dimensions W×D×H [mm]	568×447×452	640×556×505	740×606×605	840×696×705	890×746×905	780×710×1745
Number of Shelves (std./max.) [pc]	2 / 3	2 / 4	2 / 5	3 / 7	3 / 10	3 / 6
Load per Shelf [kg]	15	15	15	15	15	15
Net Weight [kg]	30	37	50	68	88	176
Gross Weight [kg]	38	47	61	91	111	204
Package Size [mm]	710×620×590	740×696×645	840×746×745	960×856×855	1010×906×1055	910×880×1930

BGZ Series (250°C)

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted at will;

· PMMA II operating system, LCD display of various parameters, with temperature control, timing, programming, wind speed control, over temperature alarm and other functions;

· Observation window on the door, door with rotating two-stage locking structure;

· Preheating chamber design, with power supply recovery function, appointment function;

· 6-segment adjustable wind speed, programmable, 10 segments with 100 cycles.

Control Panel   Viewing Window

Model	BGZ-30	BGZ-70	BGZ-140	BGZ-240	BGZ-420
Volume [L]	40	76	142	234	456
Temp. Range [°C]	RT+5~250	RT+5~250	RT+5~250	RT+5~250	RT+5~250
Temp. Resolution [°C]	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation at 105°C [°C]	±1	±1	±1	±1	±1
Temp. Uniformity [%]	±2	±2	±2	±2	±2
Heating Rate to 180°C [°C/min]	>4	>4	>4	>4	>4
Power [W]	950	1350	1750	2150	3000
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	380, 50
Timer Range [min or h]	0~9999	0~9999	0~9999	0~9999	0~9999
Reservation Range [min]	0~999	0~999	0~999	0~999	0~999
Internal Dimensions W×D×H [mm]	350×330×350	450×380×450	550×470×550	600×520×750	600×585×1300
Housing Dimensions W×D×H [mm]	640×556×505	740×606×605	840×696×705	890×746×905	780×710×1745
Number of Shelves (std./max.) [pc]	2 / 4	2 / 5	3 / 7	3 / 10	3 / 6
Load per Shelf [kg]	15	15	15	15	15
Net Weight [kg]	37	50	68	88	176
Gross Weight [kg]	47	61	91	111	204
Package Size [mm]	740×696×645	840×746×745	960×856×855	1010×906×1055	910×880×1930

GZX Series (300°C)

» **Product Features:**
· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted at will;
· PMMA I control system, LCD display, equipped with temperature control, timing, and over temperature alarm functions;
· Preheating chamber design with power supply recovery function;
· Door with rotating two-stage locking structure.

Control Panel

Control Panel

Sensor

Stainless Steel Inner Cavity

Seal Strip

Shelf   Handle

Foot Pad
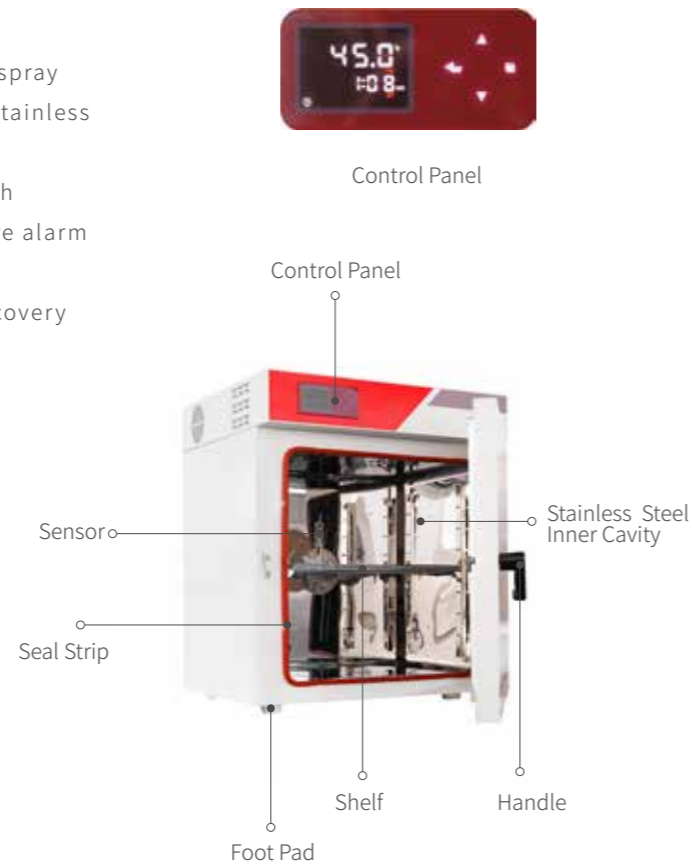
Model	GZX-9076MBE	GZX-9146MBE	GZX-9246MBE	GZX-9306MBE	GZX-9456MBE
Volume [L]	64	129	210	280	452
Temp. Range [°C]	RT+5~300	RT+5~300	RT+5~300	RT+5~300	RT+5~300
Temp. Resolution [°C]	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation at 150°C [°C]	±1	±1	±1	±1	±1
Temp. Uniformity at 150°C [%]	±2.5	±2.5	±2.5	±2.5	±2.5
Heating Rate to 150°C [°C/min]	>5	>5	>5	>5	>5
Power [W]	1550	2150	2750	2750	3500
Power Supply [V, Hz]	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%	220±10%, 50±2%
Timer Range [min or h]	0~9999	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	410×350×450	570×400×570	630×530×630	720×530×745	600×580×1300
Housing Dimensions W×D×H [mm]	555×566×722	715×616×842	775×746×902	865×746×1017	774×845×1704
Number of Shelves (std./max.) [pc]	2/5	2/7	3/8	3/10	4/18
Load per Shelf [kg]	15	15	15	15	15
Net Weight [kg]	42	57	77	97	145
Gross Weight [kg]	60	75	96	118	174
Package Size [mm]	675×726×872	835×776×992	895×906×1052	985×906×1167	894×1005×1854

BGZ Series (300°C)

» **Product Features:**
· The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted at will;
· PMMA II operating system, LCD display of various parameters, with temperature control, timing, programming, wind speed control, over temperature alarm and other functions;
· Door with rotating two-stage locking structure;
· Preheating chamber design, with power supply recovery function, appointment function;
· 6-segment adjustable wind speed, programmable, 10 segments with 100 cycles.

BGZ-456

BGZ-1006

Control Panel

Model	BGZ-76	BGZ-146	BGZ-246	BGZ-306	BGZ-456	BGZ-656	BGZ-1006
Volume [L]	64	129	210	280	452	650	1000
Temp. Range [°C]				RT+5~300			
Temp. Resolution [°C]				0.1			
Temp. Fluctuation at 150°C [°C]				±0.8			
Temp. Uniformity at 150°C [%]				±2			
Heating Rate to 150°C [°C/min]				>5			
Power [W]	1550	2150	2750	2750	3500	4500	6600
Power Supply [V, Hz]				380±10%, 50±2%			
Timer Range [min or h]				0~9999			
Reservation Range [min]				0~9999			
Internal Dimensions W×D×H [mm]	410×350×450	570×400×570	630×530×630	720×530×745	600×580×1300	720×650×1400	1100×650×1400
Housing Dimensions W×D×H [mm]	555×566×722	715×616×842	775×746×902	865×746×1017	774×845×1704	865×866×1730	1220×850×1730
Number of Shelves (std./max.) [pc]	2/5	2/7	3/8	3/10	4/18	4/18	4/18
Load per Shelf [kg]	15	15	15	15	15	15	15
Net Weight [kg]	42	57	77	97	145	-	-
Gross Weight [kg]	60	75	96	118	174	-	-
Package Size [mm]	675×726×872	835×776×992	895×906×1052	985×906×1167	894×1005×1854	-	-

BXH Series

» **Product Features:**
- LCD display, real-time display of set temperature and actual temperature value, operation status, fan segment number and working status;
- BRIGHT I control system;
- With countdown reservation function, the time range is 0 to 9999min;
- Programmable design, 10 segments and 100 cycles;
- Double over temperature alarm function (A. temperature sensor system, B. independent temperature control switch);
- The rotary two-stage locking structure;
- The fan has 6-stage speed regulation, preheating chamber design;
- Equipped with a RS-485 interface;
- Optional: Printer, online monitoring platform, inlet and outlet air filter, GPRS SMS alarm.
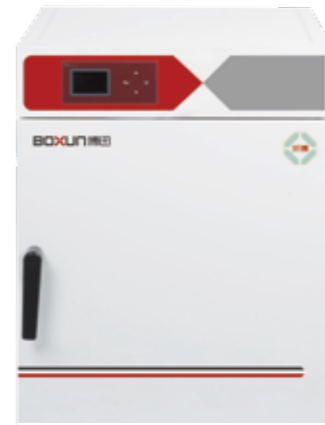
Doorknob

Exhaust Outlet

Shelf

Inlet and Outlet Air Filter (optional)

Model	BXH-65	BXH-130	BXH-210	BXH-280	BXH-450
Volume [L]	64	129	210	284	452
Power Supply [V, Hz]	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60
Temp. Range [°C]	RT+5~300	RT+5~300	RT+5~300	RT+5~300	RT+5~300
Temp. Resolution [°C]	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation at 150°C[°C]	±0.3	±0.3	±0.5	±0.5	±0.5
Temp. Uniformity [°C]	±1%(RT+5~105°C) ±2%(105~300°C)				
Heating Rate to 150°C [min]	17	20	20	20	22
Timer Range [min or h]	0~9999	0~9999	0~9999	0~9999	0~9999
Reservation Range [min]	0~9999	0~9999	0~9999	4	0~9999
Power [W]	1550	2150	2750	2750	3500
Internal Dimensions W×D×H [mm]	410×350×450	570×400×570	630×530×630	720×530×745	600×580×1300
Housing Dimensions W×D×H [mm]	555×566×722	715×616×842	775×746×902	865×746×1017	774×845×1704
Number of Shelves (std./max.) [pc]	2 / 5	2 / 7	3 / 7	3 / 9	4 / 13
Load per Shelf [kg]	25	25	25	25	25
Net Weight [kg]	42	57	77	97	145
Gross Weight [kg]	60	75	96	118	174
Package Size [mm]	675×726×872	835×776×992	895×906×1052	985×906×1167	894×1005×1854

BGG Series (400°C/500°C)

» **Product Features:**
- The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted at will;
- Double press buckle hinge door lock makes the seal tighter;
- PMMA II control system, LCD display, timing, self-tuning function, accurate temperature control;
- Power supply recovery function, data will not be lost when power failure and system halted.

Control Panel

Hinged Door Lock

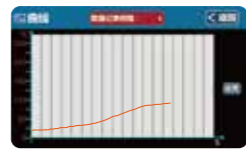| Model	BGG-38	BGG-78	BGG-148	BGG-248	BGG-39	BGG-79	BGG-149	BGG-249
Volume [L]	30	70	136	225	30	70	136	225
Temp. Range [°C]	RT+20~400	RT+20~400	RT+20~400	RT+20~400	RT+20~500	RT+20~500	RT+20~500	RT+20~500
Temp. Resolution [°C]	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Temp. Fluctuation [°C]	±2	±2	±2	±2	±2	±2	±2	±2
Power [W]	1800	2050	2500	3000	2400	3400	4400	5500
Power Supply [V, Hz]	220, 50	220, 50	220, 50	220, 50	220, 50	220, 50	380, 50	380, 50
Timer Range [min]	0~9999	0~9999	0~9999	0~9999	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	300×300×350	400×400×450	450×550×550	500×600×750	300×300×350	400×400×450	450×550×550	500×600×750
Housing Dimensions W×D×H [mm]	670×480×700	770×580×800	820×730×900	870×780×1100	670×480×700	770×580×800	820×730×900	870×780×1100
Number of Shelves [pc]	2	2	2	2	2	2	2	2
Net Weight [kg]	61	86	108	132	61	86	108	132
Gross Weight [kg]	87	110	138	165	87	110	138	165
Package Size [mm]	800×660×910	900×763×1000	950×930×1100	1000×950×1300	800×660×910	900×763×1000	950×930×1100	1000×950×1300

BXH-S Series

» Product Features:
- 5 inch touch screen, BRIGHT II control system;
- 4 million data can be stored, and export them by U disk in unchangeable file format;
- Multi-level password management function, with reservation function, with programmed temperature control function;
- Double over temperature alarm (a. controlled by temperature sensor system, b. independent temperature control switch);
- Programmable design, it can be set 30 segments 99 cycles;
- The 6-stage speed regulation of the fan, electric 10 segment exhaust outlet control;
- Preheating chamber design;
- The rotary two-stage locking structure;
- Equipped with 2 RS-485 interfaces and 1 USB interface;
- Optional: Printer, online monitoring platform, inlet and outlet air filter, GPRS SMS alarm.
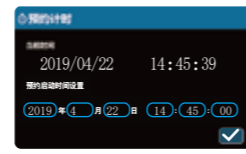

USB Export Interface　　Operating Main Interface　　Data Curve Viewing　　Reservation Timing Interface

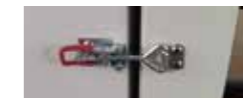| Model	BXH-65S	BXH-130S	BXH-280S	BXH-450S
Volume [L]	65	130	280	450
Power Supply [V, Hz]	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60
Temp. Range [℃]	RT+5~300	RT+5~300	RT+5~300	RT+5~300
Temp. Fluctuation at 150℃ [℃]	±0.3	±0.3	±0.5	±0.5
Temp. Uniformity at 150℃ [℃]	±2	±1.9	±2.2	±2.5
Heating-up Time to 150℃ [min]	17	20	20	22
Recovery time after 30 seconds door open at 150℃ [min]	7	8	8	9
Power [kW]	1.5	1.8	2.7	3.5
Internal Dimensions W×D×H [mm]	410×350×450	570×400×570	720×530×745	600×580×1300
Housing Dimensions W×D×H [mm]	575×615×635	735×665×755	885×795×930	774×845×1575
Number of Shelves (std./max.) [pc]	2 / 5	2 / 7	3 / 9	4 / 13
Load per Shelf [kg]	25	25	25	25
Net Weight [kg]	48	61	93	144
Gross Weight [kg]	69	82	116	173
Package Size [mm]	695×768×787	855×818×907	1005×948×1082	894×1005×1724

SX2-Z Series

» Product Features:
- Adopting the PMMA I operating system, it has the functions of fixed value operation and timed operation. ①
- The heating element can be selected as nickel chromium wire or silicon carbon rod, with good thermal conductivity;
- The furnace and door are made of one-time formed refractory brick material;
- The stainless steel inner door lining design is not easy to crack or discolor;
- Excellent insulation performance. The shell can be controlled within 40 ℃ when used at high temperatures;
- It is equipped with various safety protection measures such as overcurrent, overvoltage, overheating, leakage, short circuit, door opening and power outage, and can be equipped with ordinary program controllers or intelligent LCD touch screen controllers;
- Note: ① The 1300 degree resistance furnace can only operate at a fixed value, and the timing function requires the optional controller.

Heat Dissipation Hole　　Handle　　Furnace

Model	SX2-2.5-10Z	SX2-4-10Z	SX2-8-10Z	SX2-12-10Z
Volume [L]	2	7.2	16	30
Nominal Temp. Range [℃]	RT+30~1000	RT+30~1000	RT+30~1000	RT+30~1000
Maximum Operating Temp. [℃]	900	900	900	900
Heating Rate [℃/min]	10~20	10~20	10~20	10~20
Temp. Fluctuation [℃]	±3	±3	±3	±3
Power [kW]	2.5	4	8	12
Power Supply [V]	220	220	380	380
Internal Dimensions W×D×H [mm]	120×200×80	200×300×120	250×400×160	500×300×200
Housing Dimensions W×D×H [mm]	490×570×660	570×670×720	620×785×760	690×885×800
Net Weight [kg]	49	76	100	148
Gross Weight [kg]	58	90	118	174
Package Size [mm]	540×670×780	640×770×820	690×860×870	770×1005×920

Model	SX2-2.5-12Z	SX2-5-12Z	SX2-10-12Z	SX2-12-12Z	SX2-4-13Z	SX2-6-13Z	SX2-8-13Z
Volume [L]	2	7.2	16	30	3.8	6.8	18
Nominal Temp. Range [°C]	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1300	RT+30~1300	RT+30~1300
Maximum Operating Temp. [°C]	1100	1100	1100	1100	1200	1200	1200
Heating Rate [°C/min]	10~20	10~20	10~20	10~20	25~40	25~40	25~40
Temp. Fluctuation [°C]	±3	±3	±3	±3	±3	±3	±3
Power [kW]	2.5	5	10	12	4	6	8
Power Supply [V]	220	220	380	380	220	380	380
Internal Dimensions W×D×H [mm]	120×200×80	200×300×120	250×400×160	300×500×200	120×200×80	150×300×150	250×400×180
Housing Dimensions W×D×H [mm]	490×570×660	570×670×720	620×785×760	690×885×800	505×685×645	505×685×645	680×790×860
Net Weight [kg]	49	76	100	148	81	81	155
Gross Weight [kg]	58	90	118	174	106	106	191
Package Size [mm]	540×670×780	640×770×820	690×860×870	770×1005×920	630×800×870	630×800×870	750×930×1055

Model	SX2-2.5-10TZ	SX2-4-10TZ	SX2-4-10TBZ	SX2-8-10TZ	SX2-8-10TBZ	SX2-12-10TZ	SX2-16-10TZ
Volume [L]	2	7.2	12	16	36	30	80
Nominal Temp. Range [°C]	RT+30~1000	RT+30~1000	RT+30~1000	RT+30~1000	RT+30~1000	RT+30~1000	RT+30~1000
Maximum Operating Temp. [°C]	900	900	900	900	900	900	900
Heating Rate [°C/min]	20~30	20~30	20~30	20~30	20~30	20~30	20~30
Temp. Fluctuation [°C]	±2	±2	±2	±2	±2	±2	±2
Power [kW]	2.5	4	4	8	8	12	16
Power Supply [V]	220	220	220	380	380	380	380
Internal Dimensions W×D×H [mm]	120×200×80	200×300×120	200×300×200	250×400×160	300×400×300	500×300×200	400×500×400
Housing Dimensions W×D×H [mm]	560×670×845	640×770×905	670×770×965	690×885×945	740×890×1075	760×985×985	860×990×1185
Net Weight [kg]	50	68	78	92	110	107	138
Gross Weight [kg]	61	86	96	110	132	130	179
Package Size [mm]	570×690×820	650×780×900	680×810×930	700×900×930	750×930×1050	780×995×965	870×1020×1170

FURNACE
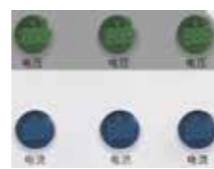
SX2-TZ / SX2-TBZ Series

» **Product Features:**

· Adopting the PMMA II operating system with fixed value operation and timed operation functions: ①;

· Adopting a ceramic fiber furnace with light weight, fast heating, low energy consumption, and good insulation;

· Equipped with a detachable cover plate at 1300 degrees for easy replacement and maintenance;

· Optional ordinary program controller or intelligent LCD touch screen controller. The 380V furnace adopts a splicing structure for easy future maintenance.;

· Note: ① 1300 degrees resistance furnace can only be set for fixed value operation, and the timer function needs to be equipped with a controller.

Model	SX2-2.5-12TZ	SX2-4-12TZ	SX2-4-12TBZ	SX2-10-12TZ	SX2-10-12TBZ	SX2-12-12TZ	SX2-16-12TZ	SX2-4-13TZ	SX2-6-13TZ	SX2-8-13TZ
Volume [L]	2	7.2	12	16	36	30	80	3.8	6.8	18
Nominal Temp. Range [°C]	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1200	RT+30~1300	RT+30~1300	RT+30~1300
Maximum Operating Temp. [°C]	1100	1100	1100	1100	1100	1100	1100	1200	1200	1200
Heating Rate [°C/min]	20~30	20~30	20~30	20~30	20~30	20~30	20~30	30~50	30~50	30~50
Temp. Fluctuation [°C]	±2	±2	±2	±2	±2	±2	±2	±2	±2	±2
Power [kW]	2.5	4	4	10	10	12	16	4	6	8
Power Supply [V]	220	220	220	380	380	380	380	220	380	380
Internal Dimensions W×D×H [mm]	120×200×80	200×300×120	200×300×200	250×400×160	300×400×300	500×300×200	400×500×400	150×250×100	150×300×150	400×250×180
Housing Dimensions W×D×H [mm]	560×670×845	640×770×905	670×770×965	690×885×945	740×890×1075	760×985×985	860×990×1185	575×785×830	575×785×830	800×930×1065
Net Weight [kg]	50	68	78	92	110	107	138	71	71	128
Gross Weight [kg]	61	86	96	110	132	130	179	91	91	161
Package Size [mm]	570×690×820	650×780×900	680×810×930	700×900×930	750×930×1050	780×995×965	870×1020×1170	630×800×870	630×800×870	800×930×1060

Silicon Carbon Rod Split Furnace

Ni-chromium Wire Integrated Furnace

Dashboard

SX2-TZ Series (High-temperature)

» Product Features:

· Adopting the PMMA II operating system with fixed value and timed operation functions, it can set up 30 temperature control programs;

· Silicon molybdenum rods are selected as heating elements, and the furnace adopts a splicing structure for easy maintenance in the future;

· Ceramic fiber furnace is selected, which is lightweight, fast in temperature rise, low in energy consumption, and well insulated;

· It is equipped with a set of current and voltage display instruments;

· Reinforced hinges ensure that the furnace door is not easily deformed and can be adjusted to lock the door buckle;

· Multiple cooling fans to prevent circuit overheating and ensure safe and reliable use. Equipped with a removable cover for easy replacement and maintenance.

Furnace   Cooling Fan

BXSX Series

» Product Features:

· Digital display program controller, accurate temperature control, 30 segments of temperature control program can be set;

· The heating element is Fe-Cr-Al alloy which has good temperature resistance, strong oxidation resistance and long service life;

· Polycrystalline mullite fiber chamber, which has the characteristics of high temperature resistance, easy processing and small thermal conductivity;

· Whole chamber outer wall ventilation design, which can keep the shell within 50°C during working;

· The insulation layer adopts alumina anvil;

· With a group of current and voltage display instrument;

· The cooling fan prevents the circuit from overheating;

· Over current, over-voltage, over heat, leakage, short circuit, open door power off and other safety protections.

BXSX Series

BXSX-S Series

» Product Features:

· LCD touch screen program controller, accurate temperature control, 20 pieces of 40 segments of temperature control program can be set;

· The heating element is Fe-Cr-Al alloy which has good temperature resistance, strong oxidation resistance and long service life;

· Polycrystalline mullite fiber chamber, which has the characteristics of high temperature resistance, easy processing and small thermal conductivity;

· Whole chamber outer wall ventilation design, which can keep the shell within 50°C during working;

· The insulation layer adopts alumina anvil;

· The current and voltage can be displayed in real time;

· Data export, history view, real-time curve, alarm view;

· The cooling fan prevents the circuit from overheating;

· Over current, over-voltage, over heat, leakage, short circuit, open door power off and other safety

BXSX -S Series

Model	SX2-8-16TZ	SX2-9-16TZ	SX2-12-16TZ	SX2-8-17TZ	SX2-9-17TZ	SX2-12-17TZ
Volume [L]	5.4	9	12	5.4	9	12
Nominal Temp. Range [℃]	RT+30~1600	RT+30~1600	RT+30~1600	RT+30~1700	RT+30~1700	RT+30~1700
Maximum Operating Temp. [℃]	1500	1500	1500	1600	1600	1600
Heating Rate [℃/min]	30~50	30~50	30~50	30~50	30~50	30~50
Temp. Fluctuation [℃]	±2	±2	±2	±2	±2	±2
Power [kW]	8	9	12	8	9	12
Power Supply [V]	380	380	380	380	380	380
Internal Dimensions W×D×H [mm]	150×300×120	200×300×150	200×300×200	150×300×120	200×300×150	200×300×200
Housing Dimensions W×D×H [mm]	650×870×1565	700×870×1595	700×970×1605	650×870×1565	700×870×1595	700×970×1605
Net Weight [kg]	228	230	259	228	230	259
Gross Weight [kg]	243	246	288	243	246	288
Package Size [mm]	710×895×1535	760×895×1585	760×895×1615	710×895×1535	760×895×1585	760×895×1615

Model	BXSX-0712	BXSX-1212	BXSX-0712S	BXSX-1212S
Wolume [L]	7	12	7	12
Nominal Maximum Temp. [℃]	1200	1200	1200	1200
Maximum Operating Temp. [℃]	1100	1100	1100	1100
Temp. Fluctuation [℃]	±1	±1	±1	±1
Heating up Time[min]	60	60	60	60
Temp.Uniformity [℃]	±10	±10	±10	±10
Power [kW]	3	4	3	4
Power Supply [V]	220	220	220	220
Internal Dimensions W×D×H [mm]	300×200×120	300×200×200	300×200×120	300×200×200
Housing Dimensions W×D×H [mm]	560×460×675	570×480×775	560×460×675	570×480×775
Net Weight [kg]	85	90	85	90
Gross Weight [kg]	101	106	101	106
Package Size [mm]	595×745×930	620×720×970	595×745×930	620×720×970

BLG Series

» Functional Features:

· PMMA II control system, can display the current cold trap temperature, sample temperature, internal vacuum and other detailed operating parameters;

· With data storage function, support to use USB interface to export view and backup;

· Frequency conversion refrigeration system;

· Imported noise reduction compressor, low noise, stable performance;

· Real-time view of the data curve, easy to understand the sample freezing and drying conditions;

· Standard with a USB interface;

· Optional vacuum pump.

BLG-T   BLG-Y

Model	BLG-12TA BLG-12YA	BLG-12TB BLG-12YB	BLG-12TC BLG-12YC	BLG-12TD BLG-12YD	BLG-12TE BLG-12YE
Type	Standard chamber	Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold	T stand
Freeze Area/Loading Capacity	0.12m²	0.12m²	0.09m²	0.12m²	500 mL×16pcs
Water Capture Capacity	4kg/24h				
Cold Trap Size	Φ215×220mm Φ215×290mm				
Tray Size	Φ195×24mm				
Tray	4(A、B),3(C、D)				
Loading Capacity/Shelf (Liquid)	1500mL(A、B); 1200(C、D)				
Height Between Trays	40mm				
Freezer Rack Size	Φ214×85mm				
Power	0.9kW				
Power Supply	AC220V±10%, 50Hz				
Limit Vacuum	<1Pa				
Cold Trap Temperature	-60℃ -60℃/-85℃(optional)				
Environmental Temperature	10℃~30℃				
External Size	600×545×375mm 480×635×850mm				
Net Weight [kg]	85/95				
Gross Weight [kg]	100/110				
Package Size [mm]	700×600×800 730×630×1460				

BXFD-S/T Series

» Functional Features:

· 7 "HD touch screen, BRIGHT I control system, large screen display the current cold trap temperature, sample temperature, internal vacuum and other detailed operating parameters;

· Freeze-drying process parameter setting: 36 groups of 40 segments of program design, process editing can be automatically saved, convenient for next use;

· With data storage function, can store more than 30 days of data, and support the USB interface for viewing and backup;

· Frequency conversion refrigeration system, environmental protection, high efficiency, low energy consumption;

· Imported noise reduction compressor, low noise, stable performance;

· Equipped with electric defrosting function, easy to remove the cold trapwall frost;

· Real-time view of the data curve, easy to understand the sample freezing and drying conditions;

· Standard with a USB interface;

· Optional vacuum pump.

Model	BXFD-20S BXFD-20T	BXFD-50S BXFD-50T	BXFD-100S BXFD-100T
Type	Standard/Stoppering chamber		
Freeze Area	0.24m²	0.5m²	1m²
Water Capture Capacity	6.5kg	10kg	15kg
Cold Trap Volume	13.5L	18L	35L
Tray Size[mm]	300×400	300×450	500×480
Tray qty.	2+1	4+1	4+1
Loading Capacity/Shelf (Liquid)	3.6L	8L	15.5L
Height Between Trays	145	90	90
Limit Vacuum	<1Pa		
Pressure Display Range	ambient pressure~0.1Pa		
Cold Trap Temperature	-80℃		
Shelf Temperature	-55~70℃		
Environmental Temperature	10℃~24℃		
Penicillin Bottle Φ12mm	1584	4920	7020
Penicillin BottleΦ16mm	864	2728	3944
Penicillin BottleΦ22mm	468	1408	2016
Power Supply	380V 50Hz		
Power	4kW	6.5kW	8.5kW
External Size[mm]	1100×750×1230 1100×750×1580	1200×850×1400 1200×850×1750	1450×850×1580 1450×850×1950
Net Weight/Gross Weight [kg]	450/500	550/600	650/700
Package Size [mm]	1250×9600×1320	1400×1050×1550	1400×1050×1550

DZF Series

» Product Features:

· The shell is made of cold rolled steel plate, the surface is electrostatically
  sprayed, the inner is made of stainless steel;
· Double screen high brightness Nixie tube display, touch buttons ;
· Microcomputer single-chip temperature control system, temperature control,
  timing, over temperature alarm functions;
· Timing and timing functions ;
· The door can be adjusted, a silicone rubber door seal, toughened, bulletproof double glass door;
· Power supply recovery function, data will not be lost when power failure and system halted;
· Vacuum pump is optional.

BZF Series

» Product Features:

· The shell is made of cold rolled steel plate, the surface is electrostatically
  sprayed, the inner is made of stainless steel;
· Microcomputer single-chip temperature control system, temperature control,
  timing, over temperature alarm functions ;
· LCD Display;
· Timing and timing functions ;
· Temperature can be controlled and displayed independently for each heating shelf;
· The door can be adjusted, a silicone rubber door seal, toughened, bulletproof double glass door;
· Power supply recovery function, data will not be lost when power failure and system halted;
· Vacuum pump is optional.

BXK Series

» Product Features:

· The shell is made of cold rolled steel plate, the surface is electrostatically sprayed, the
  inner is made of stainless steel;
· Microcomputer single-chip temperature control system, temperature control, timing,
  over temperature alarm functions
· Timing and timing functions ;
· Temperature can be controlled and displayed independently for each heating shelf;
· Integrated design, standard vacuum pump placed inside the noise reducing cabinet;
· The door can be adjusted, a silicone rubber door seal, toughened, bulletproof double
  glass door;
· Power supply recovery function, data will not be lost when power failure and system
  halted;
· Optional: Oil filter.

BXK-S Series

» Product Features:

· The shell is made of cold-rolling steel with static spray plastics, the working
  chamber is made of stainless steel with arc angle design which is convenient to
  clean;
· Microcomputer control system with temperature and time control and
  over temperature alarm, LCD screen;
· Timing and timing functions ;
· Temperature can be controlled and displayed independently for each heating
  shelf;
· Integrated design, standard vacuum pump placed inside the noise reducing
  cabinet;
· The door can be adjusted, a silicone rubber door seal, toughened, bulletproof
  double glass door;
· Power supply recovery function, data will not be lost when power failure and
  system halted;
· The vacuum degree can be displayed and controlled directly;
· Optional: Oil filter, intelligent touch screen controller.

Model	DZF-6020MBE	DZF-6050MBE	BZF-30	BZF-50	BZF-100	BZF-250	BZF-500
Volume [L]	25	53	30	53	100	250	500
Temp. Range [°C]	RT+5~250	RT+5~250	RT+10~250	RT+10~250	RT+10~250	RT+10~250	RT+10~250
Temp. Fluctuation at 105°C [°C]	±1	±1	±1	±1	±1	±1	±1
Vacuum Degree [Pa]	133	133	133	133	133	133	133
Power [W]	900	1400	450	1200	1400	2800	4000
Power Supply [V, Hz]	220±10,50/60	220±10,50/60	220±10,50/60	220±10,50/60	220±10,50/60	220±10,50/60	380±10,50
Timer Range [min]	0~999	0~999	0~9999	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	300×296×275	415×370×344	320×320×300	415×370×345	450×500×450	600×600×700	630×810×845
Housing Dimensions W×D×H [mm]	590×430×475	710×505×550	480×530×615	575×550×675	620×640×780	770×780×1030	800×990×1175
Number of Shelves [pc]	2	2	1	2	2	3	4
Net Weight [kg]	40	64	45	72	88	175	302
Gross Weight [kg]	49	74	55	84	103	194	335
Package Size [mm]	690×570×630	810×650×700	610×580×800	645×690×835	740×770×935	880×865×1243	1090×970×1405

Vacuum Gauge

Upper Heating Dashboard

Lower Heating Dashboard

BXK Series

BXK-S Series

Vacuum Gauge

Lower Heating Dashboard

Upper Heating Dashboard

Model	BXK-30(S)	BXK-50(S)	BXK-100(S)	BXK-250(S)	BXK-500(S)
Volume [L]	30	53	100	250	500
Temp. Range [°C]	RT+10~250	RT+10~250	RT+10~250	RT+10~250	RT+10~250
Temp. Fluctuation [°C]	±1	±1	±1	±1	±1
Vacuum Degree [Pa]	133	133	133	133	133
Power [W]	450	1200	1400	2800	4000
Power Supply [V, Hz]	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60	380±10, 50
Timer Range [min]	0~9999	0~9999	0~9999	0~9999	0~9999
Internal Dimensions W×D×H [mm]	320×320×300	415×370×345	450×500×450	600×600×700	630×810×845
Housing Dimensions W×D×H [mm]	480×530×1015	575×550×1060	620×640×1165	770×780×1515	800×990×1660
Number of Shelves [pc]	1	2	2	3	4
Net Weight [kg]	84	109	129	228	442
Gross Weight [kg]	98	122	148	251	475
Package Size [mm]	610×580×1240	685×645×1275	720×775×1420	870×880×1650	1090×970×2060

TEST CHAMBER

» APPLICABLE SCOPE:

By using a scientific method, it creates a long-time stable temperature, humidity conditions required for evaluation of drug failure. As the optimal choice for pharmaceutical companies to test drug stability, it is suitable for the accelerated tests, long-term experiments, high-temperature tests of drugs and new drugs in pharmaceutical companies.

BXS-I Series(EXTENSIBLE TEST CHAMBER)
BXY-I Series(DRUG STABILITY TEST CHAMBER)
BXZ-I Series(GENERAL DRUG STABILITY TEST CHAMBER)

» Product Features:

· BRIGHT I control system can automatically compensate the value of control parameters according to the change of environment;
· Programmable multi-segment parameter setting: 30 segments 99 cycles design;
· The controller can store data records for more than 5 years (not stored by SD card), and record equipment events with exact time, and export them by U disk in unchangeable file format for viewing and backup, and trace the data;
· Multi-level permission operation;
· Support data and curve online viewing;
· The circulating air volume can be adjusted manually according to the sample loading condition;
· Rapid recovery of temperature and humidity after opening the door;
· Protection function: upper and lower limit over temperature alarm, over temperature shutdown protection, door open alarm,water shortage alarm, sensor fault alarm, overload protection, leakage protection, compressor over temperature protection;
· Glass observation inner door design;
· Equipped with mechanical lock;
· Equipped with printer.

Operating Main Interface

Data Query

Users

USB Export Interface

Lighting Interface

Glass Door Lock

Water Tank

Light

BOXUN

BXS-I Series (EXTENSIBLE TEST CHAMBER)

TEMP HUM ILL UV Optional

Model	BXS-150I	BXS-250I	BXS-400I	BXS-800I	BXS-1000I	BXS-1600I
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range [°C]	0~70					
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C [°C]	±0.5					
Temp. Uniformity at 25°C [°C]	±1	±1	±1.5	±1.5	±2	±2
Power [W]	1300	1350	1400	2900	3000	3100
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123	1363×800×1500
Housing Dimensions W×D×H [mm]	650×820×1400	650×880×1724	745×1070×1695	1362×1068×1789	1362×1168×1789	1562×1238×2039
Number of Shelves (std./max.) [pc]	3/4	4/7	4/7	8/16	8/16	8/16
Door Type / Number of Shelves per Layer [pc]	One Side/1	One Side/1	One Side/1	Side-by-side/2	Side-by-side/2	Side-by-side/2

Humidity Control Extended

	BXS-150I	BXS-250I	BXS-400I	BXS-800I	BXS-1000I	BXS-1600I
Temp. Range without Humidification [°C]	0~70					
Temp. Range with Humidification [°C]	10~60					
Humidity Range [%]	25~95			30~95		
Humidity Fluctuation [%]	±3			±5		
Power [W]	1900	1950	2000	3500	3600	3700

Illumination (UV) Control Extended

	BXS-150I	BXS-250I	BXS-400I	BXS-800I	BXS-1000I	BXS-1600I
Temp. Range without Illumination [°C]	0~70					
Temp. Range with Illumination [°C]	10~70					
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m2] *	0~2					
UV Spectrum Range [nm] *	320~400			320~400		
Power / Number of Illumination Shelf [W/pc]	1400 / 1	1450 / 1	1600 / 1	3250 / 2	3350 / 2	3450 / 2
Max. Number of Illumination(UV) Module Shelf [pc]	1					
Max. Number of Illumination(UV) Source Shelves [pcs]	1	2	2	5	5	7

Model	BXS-150I	BXS-250I	BXS-400I	BXS-800I	BXS-1000I	BXS-1600I
Humidity and Illumination (UV) Control Extended						
Temp. Range without Humidification and without Illumination [°C]	0~70					
Temp. Range without Humidification and with Illumination [°C]	10~70					
Temp. Range with Humidification and without Illumination [°C]	10~60					
Temp. Range with Humidification and with Illumination [°C]	15~60					
Humidity Range without illumination [%]	25~95			30~95		
Humidity Range with illumination [%]	30~95			35~95		
Humidity Fluctuation [%]	±3			±5		
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m2] *	0~2					
UV Spectral Range [nm] *	320~400					
Power / Number of Illumination Shelf [W/pc]	2000 / 1	2050 / 1	2200 / 1	3850 / 2	3950 / 2	4050 / 2
Number of Illumination Module Shelf [pc]	1					
Max. Number of Illumination(UV) Source Shelves [pcs]	1	2	2	5	5	7
Net Weight /Gross Weight [kg]	115/142	133/162	158/190	310/366	340/390	440/620
Package Size [mm]	790×1000×1610	790×1210×1930	890×1250×1900	1510×1250×2010	1510×1400×2010	1710×1490×2250

BXY-I Series (DRUG STABILITY TEST CHAMBER)

TEMP HUM

Model	BXY-150I	BXY-250I	BXY-400I	BXY-800I	BXY-1000I	BXY-1600I
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range without Humidification [°C]	0~70					
Temp. Range with Humidification [°C]	10~60					
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C [°C]	±0.5					
Temp. Uniformity at 25°C [°C]	±1			±1.5		
Humidity Range [%]	25~95			30~95		
Humidity Fluctuation [%]	±3			±5		
Power [W]	1900	1950	2000	3500	3600	3700
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123	1363×800×1500
Housing Dimensions W×D×H [mm]	650×820×1400	650×880×1724	745×1070×1695	1362×1068×1789	1362×1168×1789	1562×1238×2039
Number of Shelves (std./max.) [pcs]	3/4	4/7	4/7	8/16	8/16	8/16
Door Type / Number of Shelves per Layer [pc]	One Side/1	One Side/1	One Side/1	Side-by-side/1	Side-by-side/1	Side-by-side/1
Net Weight /Gross Weight [kg]	115/142	133/162	158/190	310/366	340/390	440/490
Package Size [mm]	790×1000×1610	790×1210×1930	890×1250×1900	1510×1250×2010	1510×1400×2010	1710×1490×2250

BXZ-I Series (GENERAL DRUG STABILITY TEST CHAMBER)

TEMP HUM ILL UV Optional

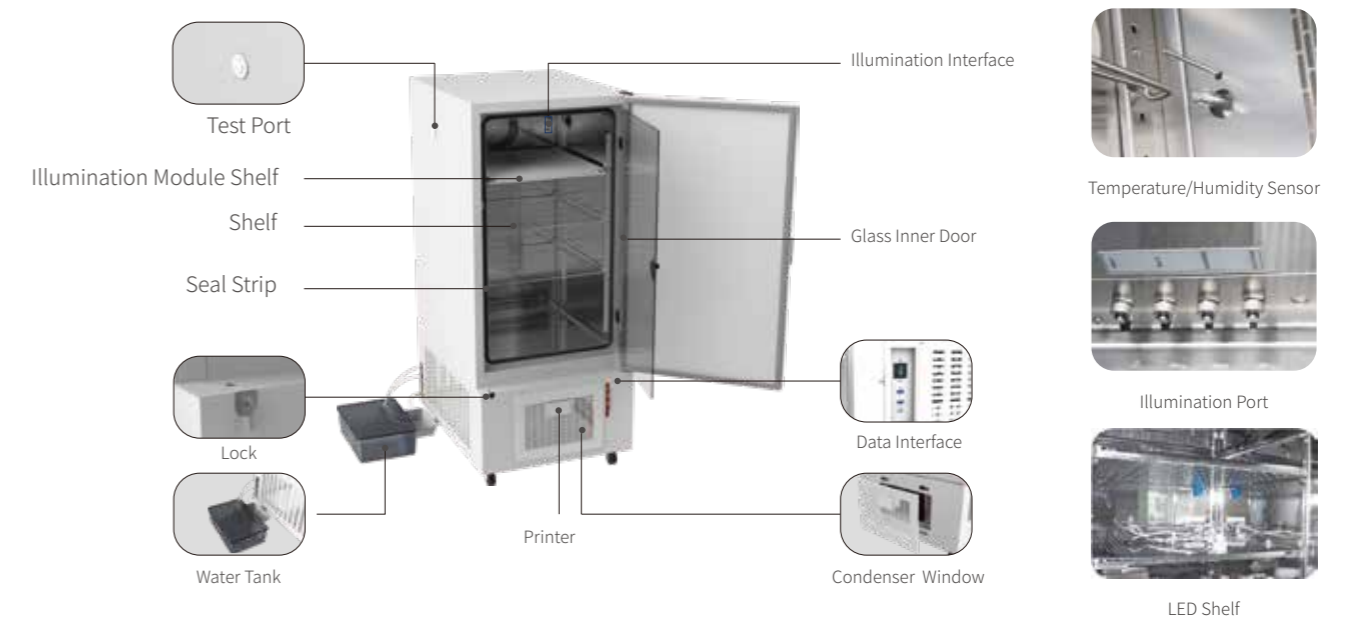| Model	BXZ-150I	BXZ-250I	BXZ-400I	BXZ-800I	BXZ-1000I
Volume [L]	150	250	400	800	1000
Power Supply	220V+10V 50/60Hz				
Ambient Temperature [°C]	10~30				
Temp. Range without Humidification and without Illumination [°C]	0~70				
Temp. Range without Humidification and with Illumination [°C]	10~70				
Temp. Range with Humidification and without Illumination [°C]	10~60				
Temp. Range with Humidification and with Illumination [°C]	15~60				
Temp. Resolution [°C]	0.1				
Temp. Fluctuation at 25°C[°C]	±0.5				
Temp. Uniformity at 25°C[°C]	±1				
Humidity Range without illumination [%]	25~95				
Humidity Range with illumination [%]	30~95				
Humidity Fluctuation [%]	±3				
Illuminance [Lux]	0~10000				
Illuminance Deviation [Lux]	±500				
Power [W]	2000	2050	2200	3850	3950
Timer Range per Segment [h]	1~9999				
Internal Dimensions W×D×H [mm]	510×390×760	510×450×1090	600×640×1050	1220×585×1123	1363×670×1123
Housing Dimensions W×D×H [mm]	650×820×1400	650×880×1724	745×1070×1695	1362×1068×1789	1362×1168×1789
Number of Shelves (std./max.) [pc]	3 / 4	4/7	4/7	8/16	8/16
Number of Illumination Module Shelves [pc]	1				
Number of Illumination Source Shelves (std./max.) [pc]	1 / 2	1 / 2	1 / 2	3/5	3/5
Door Type / Number of Shelves per Layer [pc]	One Side / 1	One Side / 1	One Side / 1	Side-by-side / 2	Side-by-side / 2
UV Control Extended					
UV Amplitude [W/m2]	0~2				
UV Spectral Range [nm]	320~400				
Number of UV Module Shelf [pc]	1				
Number of UV Source Shelves (std./max.) [pc]	1 / 2	1 / 2	1 / 2	3 / 5	3 / 5
Net Weight [kg]	126	126	169	330	340
Gross Weight [kg]	152	152	201	386	390
Package Size [mm]	790×1000×1610	790×1210×1930	890×1250×1900	1510×1250×2010	1510×1400×2010

BXS-SI Series (EXTENSIBLE TEST CHAMBER)
BXY-SI Serie (DRUG STABILITY TEST CHAMBER)
BXZ-SI Series (GENERAL DRUG STABILITY TEST CHAMBER)

» Product Features:

· BRIGHT II control system can automatically compensate the value of control parameters according to the change of environment;

· Programmable multi-segment parameter setting: 30 segments 99 cycles design;

· The controller can store data records for more than 10 years (not stored by SD card), and record equipment events with exact time, and export them by U disk in unchangeable file format for viewing and backup, and trace the data;

· Multi-level permission operation

· Support data and curve online viewing;

· The circulating air volume can be adjusted manually according to the sample loading condition;

· Rapid recovery of temperature and humidity after opening the door;

· Protection function: upper and lower limit over temperature alarm, over temperature shutdown protection, door open alarm, sensor fault alarm, overload protection, leakage protection, compressor over temperature protection;

· Glass observation inner door design;

· Equipped with mechanical lock

· Equipped with printer.

Test Port

Illumination Module Shelf

Shelf

Seal Strip

Lock

Water Tank

Illumination Interface

Glass Inner Door

Data Interface

Printer

Condenser Window

Temperature/Humidity Sensor

Illumination Port

LED Shelf

Operating Main Interface   Log In   USB Export Interface

BOXUN

BXS-SI Series (EXTENSIBLE TEST CHAMBER)

TEMP HUM ILL UV Optional

Model	BXS-150SI	BXS-250SI	BXS-400SI	BXS-800SI	BXS-1000SI	BXS-1600SI
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range [°C]	-10~85			0~85		
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C [°C]	±0.5					
Temp. Uniformity at 25°C [°C]	±1	±1	±1.5	±1.5	±2	±2
Power [W]	1300	1350	1400	2500	2600	2700
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	506×400×750	506×450×1100	600×610×1100	1200×610×1100	1200×760×1100	1400×850×1350
Housing Dimensions W×D×H [mm]	670×770×1455	670×817×1805	762×978×1805	1365×980×1800	1365×1130×1800	1562×1220×2040
Number of Shelves (std./max.) [pc]	3/6	4/12	4/12	4/12	4/12	4/12
Door Type / Number of Shelves per Layer [pc]	One Side / 1			Side-by-side / 1		
Humidity Control Extended						
Temp. Range without Humidification [°C]	-10~85			0~85		
Temp. Range with Humidification [°C]	10~60					
Humidity Range [%]	15~98			20-98		
Humidity Fluctuation [%]	±3			±5		
Power [W]	1900	1950	2000	3100	3200	3300
Illumination (UV) Control Extended						
Temp. Range without Illumination [°C]	10-85			0-85		
Temp. Range with Illumination [°C]	0-85			10-85		
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m2] *	0~2					
UV Spectral Range [nm] *	320-400					
Power [W]	1400	1450	1600	2850	2950	3050
Max. Number of Illumination(UV) Shelves [pcs]	1	4	4	4	4	4

Model	BXS-150SI	BXS-250SI	BXS-400SI	BXS-800SI	BXS-1000SI	BXS-1600SI
Humidity and Illumination (UV) Control Extended						
Temp. Range without Humidification and without Illumination [°C]	-10~85			0~85		
Temp. Range without Humidification and with Illumination [°C]	0~85			10~85		
Temp. Range with Humidification and without Illumination [°C]	10~60					
Temp. Range with Humidification and with Illumination [°C]	15~60					
Humidity Range [%]	15~98			20~98		
Humidity Fluctuation [%]	±3			±5		
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
UV Amplitude [W/m2] *	0~2					
UV Spectral Range [nm] *	320~400					
Power [W]	2000	2050	2200	3450	3550	3650
Max. Number of Illumination (UV) Shelves [pcs]	1	4	4	4	4	4
Net Weight /Gross Weight [kg]	132/140	172/198	200/226	305/330	340/390	440/620
Package Size [mm]	830×980×1660	830×1030×2010	930×1190×2010	1510×1160×2010	1510×1310×2010	1710×1400×2250

BXY-SI Series (DRUG STABILITY TEST CHAMBER)

TEMP HUM

Model	BXY-150SI	BXY-250SI	BXY-400SI	BXY-800SI	BXY-1000SI	BXY-1600SI
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range without Humidification [°C]	-10-85			0-85		
Temp. Range with Humidification [°C]	10~60					
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C[°C]	±0.3					
Temp. Uniformity at 25°C[°C]	±0.8			±1		
Humidity Range [%]	15-98			20-98		
Humidity Fluctuation [%]	±2			±3		
Power [W]	1900	1950	2000	3100	3200	3300
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	506×400×750	506×450×1100	600×610×1100	1200×610×1100	1200×760×1100	1400×850×1350
Housing Dimensions W×D×H [mm]	670×770×1455	670×817×1805	762×978×1805	1362×980×1782	1362×1130×1782	1562×1220×2040
Number of Shelves (std./max.) [pcs]	3/6	4/12	4/12	4/12	4/12	4/12
Door Type / Number of Shelves per Layer [pc]	One Side / 1	One Side / 1	One Side / 1	Side-by-side / 1	Side-by-side / 1	Side-by-side / 1
Net Weight /Gross Weight [kg]	115/142	172/198	200/226	310/360	370/440	520/620
Package Size [mm]	830×980×1660	830×1030×2010	930×1190×2010	1510×1160×2010	1510×1310×2010	1710×1400×2250

BXZ-SI Series (GENERAL DRUG STABILITY TEST CHAMBER)

TEMP HUM ILL UV Optional

Model	BXZ-150SI	BXZ-250SI	BXZ-400SI	BXZ-800SI	BXZ-1000SI	BXZ-1600SI
Volume [L]	150	250	400	800	1000	1600
Power Supply	220V+10V 50/60Hz					
Ambient Temperature [°C]	10~30					
Temp. Range without Humidification and without Illumination [°C]	-10~85			0-85		
Temp. Range without Humidification and with Illumination [°C]	0-85			10-85		
Temp. Range with Humidification and without Illumination [°C]	10~60					
Temp. Range with Humidification and with Illumination [°C]	15~60					
Temp. Resolution [°C]	0.1					
Temp. Fluctuation at 25°C[°C]	±0.3					
Temp. Uniformity at 25°C[°C]	±0.8			±1		
Humidity Range [%]	15-98			20-98		
Humidity Fluctuation [%]	±2			±3		
Illuminance [Lux]	0~10000					
Illuminance Deviation [Lux]	±500					
Power [W]	2000	2050	2200	3450	3550	3650
Timer Range per Segment [h]	1~9999					
Internal Dimensions W×D×H [mm]	506×400×750	506×450×1100	600×610×1100	1200×610×1100	1200×760×1100	1400×850×1350
Housing Dimensions W×D×H [mm]	670×770×1455	670×817×1805	762×978×1805	1365×980×1800	1365×1130×1800	1562×1220×2040
Number of Shelves (std./max.) [pc]	3/12	4/12	4/12	4/12	4/12	4/12
Number of Illumination Module Shelf [pc]	1					
Number of Illumination Source Shelves [pcs]	1					
Maximum Number of Illumination Shelves [pcs]	2	4	4	4	4	4
Door Type / Number of Shelves per Layer [pc]	One Side / 1			Side-by-side / 1		
UV Control Extended						
UV Amplitude [W/m2]	0~2					
UV Spectral Range [nm]	320~400					
Number of UV Module Shelf [pc]	1					
Max. Number of UV Source Shelves [pcs]	2	4	4	4	4	4
Net Weight /Gross Weight [kg]	110/132	192/218	220/246	325/350	340/390	440/620
Package Size [mm]	830×980×1660	830×1030×2010	930×1190×2010	1510×1160×2010	1510×1310×2010	1710×1400×2250

PURIFICATION SAFETY EQUIPMENT

» APPLICABLE SCOPE:

The bio safety cabinet is a negative pressure safety device which widely used in microbiology, biomedicine, gene recombination, animal experimental and biological products for scientific research, teaching, clinical examination and production. It adopts advanced air purification technology and negative pressure box design, and it realizes the protection of the environment, users and samples, It is the most basic safety equipment in laboratory biosafety protection.

BJ-CD Series (Vertical Airflow)

» Product Features:
 · Adopting a color LCD display screen to display wind speed, cumulative working time, clock, HEAP operating status, etc;
 · Equipped with an efficient HEPA air filter, the machine can provide audible and visual alarm prompts in case of HEPA failure or damage;
 · This machine adopts a centrifugal fan, with a high-quality cold-rolled steel plate shell and electrostatic spray molding. The operating console is made of SUS304 brushed stainless steel;
 · Equipped with a counterweight sliding door, it can be positioned within the specified range;
 · The interlocking device for lighting and sterilization lights ensures safe use;
 · Equipped with a built-in waterproof socket and air and water source interfaces;
 · The front is tilted at a 5 ° angle for more comfortable operation;
 · Equipped with movable casters and positioning balance columns, it is flexible in movement and easy to fix.

SW-CJ / VS Series (Vertical Airflow)
SW-CJ Series (Horizontal Airflow)

» Product Features:
 · Cold-rolling steel plate housing with static spray plastics, SUS304 worktable;
 · Centrifugal fan which has steady rotate speed and low noise;
 · LCD control system, touch type switch, six steps of wind speed control;
 · Independent control of UV light and lamp, timing range of sterilization is 0 to 999min;
 · Vertical quasi closed table, the down airflow formed in the operation area can prevent the air outside from permeating and keep the operation area clean; (Excluding horizontal flow);
 · Equipped with HEPA, the pre-filter is set as the medium efficiency filter system to extend the service life of HEPA.

Water Vapor Interface

Water proof Socket

UV Light

SW-CJ-2FD

VS-840-1

Operative Door

BJ-1CD

SW-CJ-1CU

SW-CJ-1FD

Model	BJ-1CD	BJ-2CD	BJ-3CD
Airflow Direction		Vertical	
Working Sides		1	
Applicable Number of Person per Side		1	
Cleanliness Class		100	
Wind Speed [m/s]		0.3~0.6	
Noise [dB]		≤67	
Vibration Half Peak Value (X, Y, Z directions) [μm]		≤5	
Illuminance [Lux]		≥300	
Internal Dimensions W×D×H [mm]	830×700×495	1300×700×495	1800×700×495
Housing Dimensions W×D×H [mm]	900×744×1680	1460×744×1680	1960×744×1680
Dimensions of HEPA [mm]	800×604×50	1270×604×50	1770×604×50
Number of HEPA [pc]		1	
Power and Number of Lamp [W×pc]	30×1	40×1	30×1
Power and Number of UV Light [W×pc]	20×1	30×1	30×1
Power [kW]	0.2	0.37	0.55
Power Supply [V, Hz]		220±10, 50/60	
Net Weight/Gross Weight [kg]	128/158	165/197	195/230
Package Size [mm]	1210×900×1130	1680×900×1130	2110×860×1760

Model	SW-CJ-1F/ SW-CJ-1FD	VS-840-1/ VS-840-2	SW-CJ-2F/ SW-CJ-2FD	SW-CJ-1BU/ SW-CJ-1CU
Airflow Direction	Vertical	Vertical	Vertical	Horizontal
Working Sides	2/1	1/2	2/1	1/1
Applicable Number of Person per Side	1/1	1/1	2/2	1/2
Cleanliness Class	100	100	100	100
Wind Speed [m/s]	0.3~0.6	0.3~0.6	0.3~0.6	0.3~0.6
Noise [dB]	≤67	≤67	≤67	≤67
Vibration Half Peak Value (X, Y, Z directions) [μm]	≤5	≤5	≤5	≤5
Illuminance [Lux]	≥300	≥300	≥300	≥300
Internal Dimensions W×D×H [mm]	870×700×520	830×650×520	1300×650×520	910/1570×480×570
Housing Dimensions W×D×H [mm]	990×724×1650	990×700×1650	1460×700×1650	910/1570×790×1380
Dimensions of HEPA [mm]	820×615×50	780×565×50	1250×560×50	815(600+815)×575×50
Number of HEPA [pc]	1	1	1	1
Power and Number of Lamp [W×pc]	20×1	20×1	40×1	20×1/40×1
Power and Number of UV Light [W×pc]	20×1	20×1	20×1	20×1/40×1
Power [kW]	0.15	0.15	0.3	0.15/3
Power Supply [V, Hz]	220±10, 50/60	220±10, 50/60	220±10, 50/60	220±10, 50/60
Net Weight/Gross Weight [kg]	105/136 109/140	140/162 145/167	181/227 171/217	90/146 146/198
Package Size [mm]	1110×820×1820	1110×820×1820	1580×820×1820	1030×910×1550

BSC-A2 Series

» **Product Features:**

· Air clean intelligent control system, color high-definition LCD display screen, real-time display of inflow/descent wind speed value, filter lifespan value, working status of fan, lighting, UV, power interface, and display of abnormal prompts;

· Equipped with calendar and time display, as well as UV sterilization appointment and timing functions. Intelligent constant wind speed technology, using high-performance wind speed sensors, ultraviolet sterilization lamps, and lighting interlocking protection;

· Equipped with front window limit protection, using imported brand HEPA (ISO level 5) high-efficiency filter, capable of 0.3 μ The filtering efficiency of dust particles can reach over 99.995% (ULPA (ISO4 level) high-efficiency filter is optional, and the filtering effect can reach 99.9995%);

· The preset filter failure and damage alarm technology, the device has low energy consumption standby mode;

· The visual front window is designed with a 10 degree tilt angle that meets ergonomic principles;

· The interior wall of the studio is designed with SUS304 stainless steel as a whole, removable SUS304 brushed stainless steel operating table ;

· With standard anti splash AC socket and reserved water and air interfaces.

BSC-B2 Series

» **Product Features:**

· Split style structure, the demountable rack has moveable castors and balance adjusting screw rods;

· Air clean intelligent control system, color high-definition LCD display screen, real-time display of inflow/descent wind speed value, filter lifespan value, working status of fan, lighting, UV, power interface, and display of abnormal prompts;

· Equipped with calendar and time display, as well as UV sterilization appointment and timing functions. Intelligent constant wind speed technology, using high-performance wind speed sensors, ultraviolet sterilization lamps, and lighting interlocking protection;

· Equipped with front window limit protection, using imported brand HEPA (ISO level 5) high-efficiency filter, capable of 0.3 μ The filtering efficiency of dust particles can reach over 99.995% (ULPA (ISO4 level) high-efficiency filter is optional, and the filtering effect can reach 99.9995%);

· The preset filter failure and damage alarm technology, the device has low energy consumption standby mode;

· The visual front window is designed with a 10 degree tilt angle that meets ergonomic principles;

· The interior wall of the studio is designed with SUS304 stainless steel as a whole, removable SUS304 brushed stainless steel operating table ;

· With standard anti splash AC socket and reserved water and air interfaces;

· Equipped with exhaust hood and exhaust duct.

External Exhaust Fan

Control Panel

BSC-1360A2

BSC-1360B2

WATER BATH / OIL BATH

» APPLICABLE SCOPE:

The water bath boiler is used for precise constant temperature and assistant heating in medical sanitation, industry and mining enterprises, scientific research institute and medical college for inspecting and testing pathology blood serum.

HH.S Series

» Product Features:

· Quality steel housing with static spray plastics, stainless steel chamber;

· The temperature control system adopts high precision sensor and integrate circuit, precise and reliable;

· Diagnostic function of key electronic components.

Model	BSC-1000A2	BSC-1360A2	BSC-1680A2	BSC-1060B2	BSC-1360B2
Applicable Number of Person	1	2	2	1	2
Cleanliness Class	100				
Inflow Air Velocity [m/s]	0.55				
Down Airflow Velocity [m/s]	0.35				
Noise [dB]	≤67				
Vibration Half Peak Value [μm]	≤5				
Illuminance [Lux]	≥650				
Ambient Temperature [°C]	10~30				
Relative Humidity at 25°C [%]	≤70				
Atmospheric Pressure [Pa]	80~105				
Internal Dimensions W×D×H [mm]	900×580×595	1360×580×595	1680×580×595	1060×580×595	1360×580×595
Housing Dimensions W×D×H [mm]	1040×770×2135	1500×770×2135	1820×770×2135	1200×770×2320	1500×770×2320
Height of Rack [mm]	630				
Dimensions of Inflow HEPA [mm]	935×475×70	1395×475×70	1715×475×70	1095×475×70	1395×475×70
Dimensions of Exhaust HEPA [mm]	450×420×90	750×420×90	1000×420×70	500×460×70	650×460×70
Power and Number of Lamp [W/pc]	20/1	30/1	30/1	20/1	30/1
Power and Number of UV Light [W/pc]	20/1	30/1	40/1	20/1	30/1
Power [W]	1100	1400	1450	1800	2000
Power Supply [V, Hz]	220±10, 50/60				
Net weight [kg]	174	223	280	198	243
Gross weight [kg]	205	253	322	236	275
Package size [mm]	1300×970×1690	1760×970×1690	2080×970×1690	1460×970×1880	1760×970×1880

Model	HH.S11-1	HH.S11-2	HH.S11-4	HH.S11-6	HH.S11-8	HH.S21-4	HH.S21-6	HH.S21-8
Type	○	○○	○○○○	○○○○○○	○○○○○○○○	○○	○○○	○○○○
Temp. Range [°C]	RT+5~100	RT+5~100	RT+5~100	RT+5~100	RT+5~100	RT+5~100	RT+5~100	RT+5~100
Temp. Resolution [°C]	1	1	1	1	1	1	1	1
Temp. Fluctuation [°C]	±1	±1	±1	±1	±1	±1	±1	±1
Power [W]	300	600	1000	1500	1800	800	1200	1500
Power Supply [V, Hz]	220,50	220,50	220,50	220,50	220,50	220,50	220,50	220,50
Internal Dimensions W×D×H [mm]	160×160×130	305×160×130	600×170×120	900×170×120	1200×170×120	305×305×130	470×305×130	600×290×120
Housing Dimensions W×D×H [mm]	200×200×210	345×200×210	635×205×225	935×205×225	1230×205×225	345×345×210	510×345×210	635×320×225
Opening Diameter [mm]	120	120	120	120	120	120	120	120
Net Weight [kg]	2.9	4.5	7.9	11.2	14.3	6.2	7.8	10.6
Gross Weight [kg]	3.4	5.1	9	12.6	22.4	7.3	9	12
Package Size [mm]	370×260×220	470×260×220	790×260×220	1100×260×220	1430×260×220	480×390×230	650×390×230	780×390×230

SSW Series

» Product Features:

· Quality steel housing with static spray plastics, stainless steel chamber;

· The temperature control system adopts high precision sensor and integrate circuit, precise and reliable.

DK-8D

» Product Features:

· Stainless steel chamber and cover;

· Three holes independent temperature control;

· Timing boot and shut down, working at constant value, timing up to 99 hours;

· Sensor fault alarm, upper and lower limit temperature deviation alarm, over temperature alarm and parameter memory;

· Temperature display correction, self-diagnosis and dynamic control technology.

CS / CY Series

» Product Features:

· Internal circulation and external circulating pump system;

· Measured value deviation correction function;

· High-efficiency heat preservation material;

· 0.1 accuracy for LED dual window display of temperature measurement values and set values, 0.01 accuracy for LCD display, touch buttons;

· Circulating pump flow≥8L/min, the external diameter and internal diameter of external circulation access interface are 10mm and 8mm respectively.

Model	SSW-420-2S	SSW-600-2S
Temp. Range [°C]	RT+5~100	RT+5~100
Temp. Resolution [°C]	1	1
Temp. Fluctuation [°C]	±0.2	±0.2
Power [W]	500	700
Power Supply [V, Hz]	220, 50	220, 50
Internal Dimensions W×D×H [mm]	420×190×150	600×300×180
Housing Dimensions W×D×H [mm]	565×220×260	745×340×295
Net Weight [kg]	8	15
Gross Weight [kg]	9	16
Package Size [mm]	670×330×340	860×450×390

Model	DK-8D
Temp. Range [°C]	RT+5~99
Temp. Resolution [°C]	0.1
Temp. Fluctuation [°C]	±0.3
Temp. Uniformity at 37°C [°C]	±0.5
Timer Range	1min~99h
Power per Chamber [W]	300X3
Power Supply [V, Hz]	220, 50
Internal Dimensions per Chamber W×D×H [mm]	150×140x120
Housing Dimensions W×D×H [mm]	620x260x240
Number of Chambers [pc]	3
Net Weight/Gross Weight [kg]	8.2/9.6
Package Size [mm]	710x325x310

Model	CS501/CS601	CY20/CY20A	CY30/CY30A	CY50/CY50A
Heating Medium	Water	Oil	Oil	Oil
Display	LED/LCD	LED/LCD	LED/LCD	LED/LCD
Temp. Range [°C]	RT+5~100	RT~300	RT~300	RT~300
Temp. Resolution [°C]	0.1/0.01	0.1/0.01	0.1/0.01	0.1/0.01
Temp. Fluctuation [°C]	±0.1/±0.02	±0.1/±0.5	±0.5/±0.05	±0.1/±0.5
Temp. Uniformity [°C]	±0.1/±0.2	±0.1/±0.2	±0.2/±0.02	±0.1/±0.2
Power [W]	1000	1800	1800	1800
Power Supply [V, Hz]	220, 50	220, 50	220, 50	220, 50
Pump Flow [L/min]	8	5	8	8
Internal Dimensions W×D×H [mm]	400×280×180	400×280×180	400×300×250/440×280×250	400×350×350
Housing Dimensions W×D×H [mm]	460×400×350	460×400×350	500×380×350/500×350×490	460×420×520
Opening Dimensions W×D [mm]	200×180	200×180	200×180/260×250	200×180
Net weight [kg]	14.5	14.9	17.5	20.3
Gross weight [kg]	16.6	17.4	25.3	40
Package size [mm]	525×405×450	525×405×450	525×410×520	530×480×620