BIOBASE®

Incubator & Oven

BIOBASE GROUP

Add: No.9 Gangxing Road, High-tech Zone,
Jinan City, Shandong Province, China
Tel: +86-531-81219803
E-mail: export@biobase.com
Website: www.biobase.cc / www.biobase.com

f BIOBASE CHINA

in BIOBASE CHINA

y BIOBASE CHINA

Version 2024-1

About Us

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

Meanwhile, incubator and oven occupy an important position for laboratory series of products. Incubators include CO_2 incubator, tri-gas incubator, constant temperature and humidity incubator, multifunctional incubator, constant temperature incubator, biochemistry incubator, lighting incubator, climate incubator, mould incubator, shaking incubator, medicine stability test chamber, etc. Ovens include vacuum drying oven, constant temperature drying oven, forced air drying oven, high temperature drying oven, drying oven/incubator (dual purpose), etc.

In the past few years, we have established a good reputation in the industry with our continuous investment in technology research and development and our insistence on quality. We are customer-centric and help them stand out in the increasingly fierce market competition through continuous innovation and optimization.

Currently, BIOBASE has 25 factories and incubator and oven covers an area of more than 10,000 square meters, has 2 Class I medical device registrations and 14 Class II medical device registrations. It attaches great importance to the construction of the technology research and development center, focuses on technological innovation, continues to increase research and development investment, and has more than 140 patents. BIOBASE has passed certificates including ISO9001, ISO13485, CE, etc. for various products.

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

E-mail: export@biobase.com
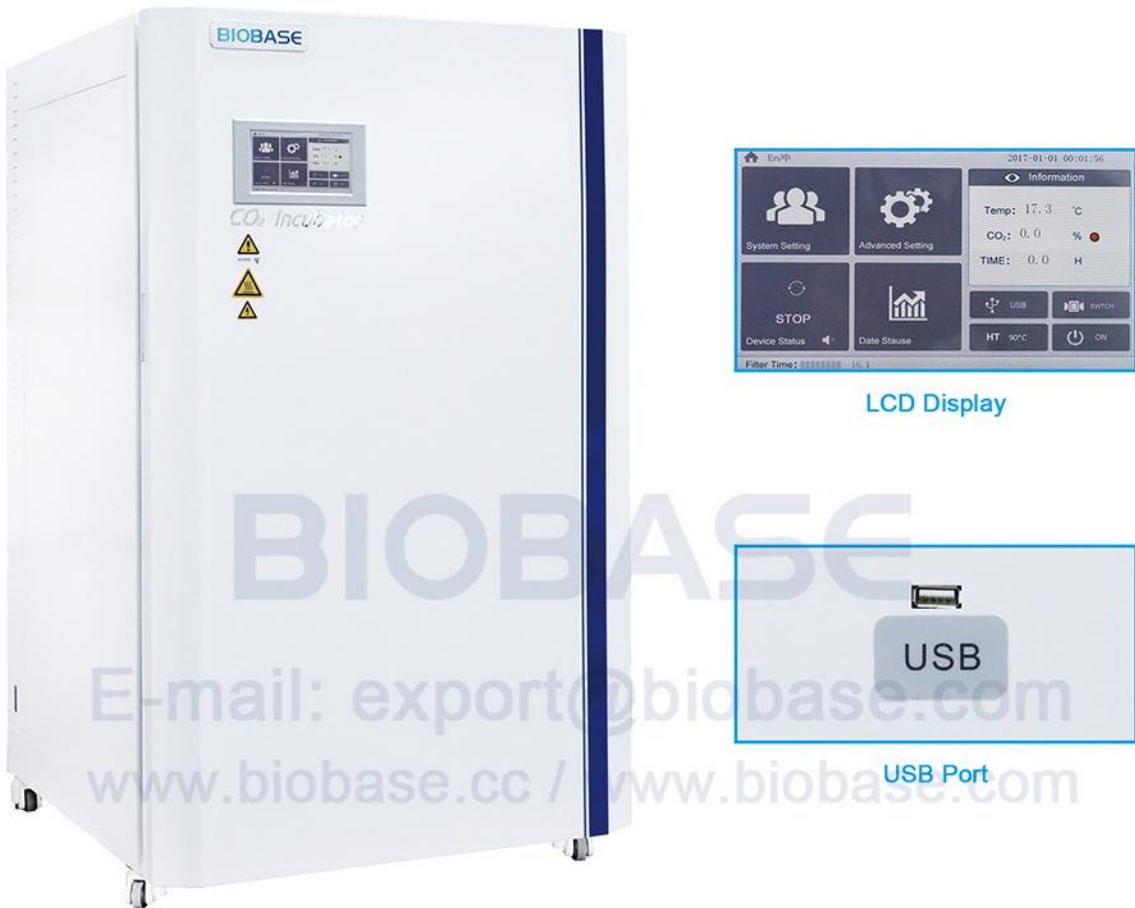www.biobase.cc / www.biobase.com

ISO9001   ISO13485   CE

Content

Incubator
CO₂ Incubator

LCD Display

USB

USB Port

Features:

* IR infrared sensor, using dual-channel dual-filter infrared technology.
* The design of multiple small doors reduces the amount of air exchange between the outside space and the inside of the incubator during the opening process.
* Inner tank is made of 304 mirror finish stainless steel, featuring a semi-circular corner design for faster and more effective bottom cleaning and sterilization.
* The design of the 3D airflow channel ensures uniform CO_2 distribution, enhancing the accuracy of IR sensor data collection.
* The interior is heated uniformly by aluminum foil-wrapped silicone heating wires, ensuring rapid temperature increase and excellent uniformity.
* High quality HEPA filter ensures the inside gas quality.
* SMC brand solenoid valves ensure more stable gas concentration and less consumption of gas.
* Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.
* The water reservoir in the bottom chamber ensures high humidity.

Technical Parameters:

Model	BJPX-C100M	BJPX-C160M	BJPX-C200M	BJPX-C260M	BJPX-C300M
Type	Medical series, air jacket				
Sterilization Type	90℃ moist heat sterilization				
Capacity	100L	160L	200L	260L	300L
Temp. Sensor	PT100				
Temp. Range	RT＋5~60℃				
Temp. Fluctuation	±0.3℃ (@37℃)				
Temp. Uniformity	±0.5℃ (@37℃)				
Temp. Precision	0.1℃				
Timing Range	0~999h or continuous				
Display	7-inch touch screen				
CO₂ Control	IR infrared sensor with calibration certificate				
CO₂ Range	0~20vol%				
CO₂ Uniformity	0.2vol%				
CO₂ Control Resolution	0.1vol%				
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%				
Filter	CO₂ gas filter				
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug				
Consumption	800W	820W	840W	1380W	1800W
Shelves	2pcs, adjustable		3pcs, adjustable		
Standard Accessories	Shelves, USB interface, CO₂ relief valve, CO₂ gas filter				
Optional Accessory	Water pump				
Internal Size(W*D*H)	407*415*615mm	457*470*753mm	505*470*857mm	557*475*997mm	567*500*1068mm
External Size(W*D*H)	632*740*894mm	682*796*1030mm	730*796*1134mm	782*805*1274mm	792*830*1344mm
Package Size(W*D*H)	757*865*1055mm	807*921*1190mm	855*921*1294mm	907*930*1434mm	917*955*1504mm
Net Weight	95kg	110kg	130kg	165kg	185kg
Gross Weight	120kg	135kg	155kg	190kg	210kg

Introduction:

The CO₂ incubator simulates the growth environment of cells/tissues in vivo by simulating in the incubator. The incubator requires a stable temperature (37°C), a stable CO₂ level (5%), a constant pH (pH: 7.2~7.4), and a high relative saturated humidity (95%). It is a device for cell/tissue culture in vitro.

Application:

It is suitable for a wide range of fields such as cytology, biology, oncology, genetics, immunology, virus research and genetic engineering research. It is an ideal device for the cultivation of cells, tissues and bacteria in scientific research units and industrial production departments such as modern medicine, pharmaceutical industry, biochemistry and agricultural science.

CO₂ Incubator

Features:

﹡ IR infrared sensor, using dual-channel dual-filter infrared technology.

﹡ The CO_2 incubators of the water jacket series feature an alarm function for both high and low water levels in the water jacket.

﹡ The inner tank material of the water jacket series CO_2 incubator is 304 brushed stainless steel with a full rounded corner design. The inner tank material of the air jacket CO_2 incubator is 304 mirror finish stainless steel with a semi-rounded corner design.

﹡ The bottom of the gas jacket series has a water reservoir, and the water jacket series has a water tank.

﹡ Equipped with leakage current and over-voltage protectors. Features over-temperature alarm. The water-jacket series CO_2 incubator also features under-temperature alarm, over-concentration alarm and under-concentration alarm.
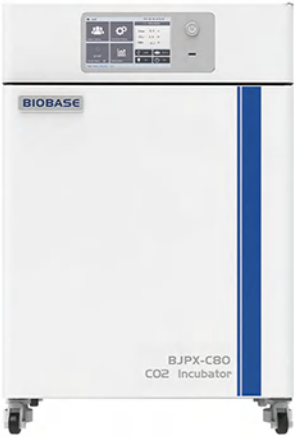
LCD touch screen | CO₂ gas filter | HEPA filter (For water jacket)

Technical Parameters:

Model	BJPX-C50	BJPX-C80	BJPX-C160	BJPX-C80S	BJPX-C160S
Type	Air jacket			Water jacket	
Sterilization Type	UV sterilization				
Capacity	50L	80L	160L	80L	160L
Temp. sensor	PT100				
Temp. Range	RT＋5~60℃				
Temp. Fluctuation	±0.3℃ (@37℃)				
Temp. Uniformity	±0.5℃ (@37℃)				
Temp. Precision	0.1℃				
Timing Range	0~999h or continuous				
Display	7-inch touch screen				
CO₂ Control	IR infrared sensor with calibration certificate				
CO₂ Range	0~20vol%				
CO₂ Uniformity	0.2vol%				
CO₂ Control Resolution	0.1vol%				
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%				
Filter	CO₂ gas filter, HEPA filter				
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) Wiring method: plug				
Consumption	310W	600W	1000W	1300W	1400W
Shelves	2pcs, adjustable				
Standard Accessories	Shelves, USB interface, CO₂ relief valve, CO₂ gas filter			Shelves, USB interface, CO₂ relief valve, water tank, CO₂ gas filter, HEPA filter	
Optional Accessories	Water pump, three-way connector				
Internal Size(W*D*H)	337*338*443mm	377*410*524mm	477*473*711mm	428*412*522mm	528*512*722mm
External Size(W*D*H)	500*527*821mm	600*596*921mm	700*666*1101mm	647*593*1070mm	747*694*1260mm
Package Size(W*D*H)	655*685*985mm	735*735*1080mm	795*835*1270mm	725*780*1225mm	877*840*1460mm
Net Weight	48kg	62kg	88kg	125kg	
Gross Weight	70kg	82kg	110kg	108kg	145kg

CO₂ Incubator

Features:

﹡ IR infrared sensor, using dual-channel dual-filter infrared technology.

﹡ With humidity display function, it shows the humidity level inside the incubator in real-time.

﹡ The inner tank is designed with semicircular corners and the surface is made of 304 stainless steel with electrochemical treatment.

﹡ The bottom water reservoir design eliminates the need for repeated water replenishment, saving time.

﹡ The water level alarm design alerts the operator to refill water in time, providing more comprehensive protection for the samples.

﹡ Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.

LCD touch screen | USB port | Push-pull shelves with holes

Technical Parameters:

Model	BJPX-C50II	BJPX-C80II	BJPX-C160II
Type	Air jacket		
Sterilization Type	90℃ moist heat sterilization		
Capacity	50L	80L	160L
Temp. Sensor	PT100		
Temp. Range	RT＋5~60℃		
Temp. Fluctuation	±0.3℃ (@37℃)		
Temp. Uniformity	±0.5℃ (@37℃)		
Temp. Precision	0.1℃		
Timing Range	0~999h or continuous		
Display	7-inch touch screen		
CO₂ Control	IR infrared sensor with calibration certificate		
CO₂ Range	0~20vol%		
CO₂ Uniformity	0.2vol%		
CO₂ Control Resolution	0.1vol%		
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%		
Filter	CO₂ gas filter		
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug		
Consumption	300W	650W	700W
Shelves	2pcs, adjustable		
Standard Accessories	Shelves, USB interface, CO₂ relief valve, CO₂ gas filter		
Optional Accessories	Water pump, three-way connector		
Internal Size(W*D*H)	308*392*442mm	368*452*517mm	468*552*648mm
External Size(W*D*H)	551*713*765mm	611*773*841mm	711*873*991mm
Package Size(W*D*H)	645*807*902mm	725*887*985mm	820*1010*1128mm
Net Weight	60kg	72kg	95kg
Gross Weight	85kg	93kg	120kg

Low Temperature CO₂ Incubator

Features:

✱ IR infrared sensor, using dual-channel dual-filter infrared technology.
✱ The inner tank is designed with semicircular corners and the surface is made of 304 stainless steel with electrochemical treatment.
✱ Sloped bottom design for smooth drainage, preventing evaporator icing, and improved temperature uniformity.
✱ The evaporator's intake pipe uses a Sanhua solenoid valve to work in coordination with the evaporator's compartmentalized operation, preventing icing, ensuring rapid cooling, and maintaining stable temperatures.
✱ The timed segmented control program allows for the cultivation time and temperature to be preset and automatically adjusted according to requirements, providing convenience for the operator.
✱ High-efficiency heating tubes are used to evenly heat all sides of the inner chamber.
✱ Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.

Standard Accessories: ✱ USB port

LCD display screen

Push-pull shelves with holes

Technical Parameters:

Model	BJPX-C80III	BJPX-C160III
Type	Low temperature CO₂ incubator, air jacket	
Sterilization Type	UV sterilization	
Capacity	80L	160L
Temp. Sensor	PT100	
Temp. Range	10~60℃	
Temp. Fluctuation	±0.3℃ (@37℃)	
Temp. Uniformity	±0.5℃ (@37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999h or continuous	
Display	7-inch touch screen	
CO₂ Control	IR infrared sensor with calibration certificate	
CO₂ Range	0~20vol%	
CO₂ Uniformity	0.2vol%	
CO₂ Control Resolution	0.1vol%	
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%	
Filter	CO₂ gas filter	
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) Wiring method: plug	
Consumption	1000W	
Shelves	2pcs, adjustable	
Standard Accessories	Shelves, USB interface, CO₂ relief valve, water tank, CO₂ gas filter	
Optional Accessories	Water pump, three-way connector	
Internal Size(W*D*H)	470*362*500mm	588*470*620mm
External Size(W*D*H)	689*729*1241mm	810*748*1330mm
Package Size(W*D*H)	820*820*1390mm	904*842*1467mm
Net Weight	93kg	144kg
Gross Weight	115kg	165kg

Dry Heat CO₂ Incubator

Features:

✱ IR infrared sensor, using dual-channel dual-filter infrared technology.
✱ The inner tank is designed with semicircular corners and the surface is made of 304 mirror finish stainless steel.
✱ Adopt double heating module, six side heating.
✱ The cavity is uniformly heated by silicone rubber heating wire heater with aluminum foil-wrapped, offering rapid temperature rise and good uniformity.
✱ Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.

Technical Parameters:

Model	BJPX-C80D	BJPX-C160D
Type	Dry heat CO₂ incubator, air jacket	
Sterilization Type	140℃ dry heat sterilization	
Capacity	80L	160L
Temp. Sensor	PT100	
Temp. Range	RT+5~60℃	
Temp. Fluctuation	±0.3℃ (@37℃)	
Temp. Uniformity	±0.5℃ (@37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999h or continuous	
Display	7-inch touch screen	
CO₂ Control	IR infrared sensor with calibration certificate	
CO₂ Range	0~20vol%	
CO₂ Uniformity	0.2vol%	
CO₂ Control Resolution	0.1vol%	
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%	
Filter	CO₂ gas filter	
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug	
Consumption	650W (During cultivation) 1900W (During dry heat sterilization)	700W (During cultivation) 1950W (During dry heat sterilization)
Shelves	2pcs, adjustable	
Standard Accessories	Shelves, USB interface, CO₂ relief valve, water tank, CO₂ gas filter	
Optional Accessory	Three-way connector	
Internal Size(W*D*H)	400*352*576mm	460*551*646mm
External Size(W*D*H)	620*596*1007mm	710*786*1107mm
Package Size(W*D*H)	720*720*1140mm	810*900*1255mm
Net Weight	90kg	110kg
Gross Weight	110kg	135kg

Tri-Gas CO₂ Incubator

LCD display

USB port

Push-pull shelves
with holes

Introduction:

By simulating the growth environment of microorganisms, tissues and cells, the three-gas incubator provides stable temperature and humidity, carbon dioxide concentration and oxygen concentration, and is widely used for the propagation and cultivation of cells, tissue cultures and some special microorganisms.

Application:

Tri-gas incubator is commonly used in microbial culture, cell dynamics research, collection of mammalian cell secretions, carcinogenic or toxicological effects of various physical and chemical factors, research and production of antigens, cultivation of hybridoma cells to produce antibodies, in vitro fertilization (IVF), stem cells, tissue engineering, drug screening and other research fields.

Features:

﹡ IR infrared sensor, using dual-channel dual-filter infrared technology.

﹡ ZrO₂ sensor was used for oxygen concentration information acquisition.

﹡ The inner tank is designed with fully rounded corners and the surface is made of 304 stainless steel with electrochemical treatment.

﹡ The bottom water reservoir design eliminates the need for repeated water replenishment, saving time.

﹡ The water level alarm design alerts the operator to refill water in time, providing more comprehensive protection for the samples.

﹡ Equipped with a gas switching function, it can connect to two bottles of carbon dioxide gas simultaneously.

﹡ Equipped with leakage current and over-voltage protectors. Features over-temperature, under-temperature, over-concentration and under-concentration alarms.

Technical Parameters:

Model	BJPX-C80T	BJPX-C160T
Type	Tri-gas series, air jacket	
Sterilization Type	90℃ moist heat sterilization	
Capacity	80L	160L
Temp. Sensor	PT100	
Temp. Range	RT+5~60℃	
Temp. Fluctuation	±0.3℃ (@37℃)	
Temp. Uniformity	±0.5℃ (@37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999h or continuous	
Display	7-inch touch screen	
CO₂ Control	IR infrared sensor with calibration certificate	
CO₂ Range	0~20vol%	
CO₂ Uniformity	0.2vol%	
CO₂ Control Resolution	0.1vol%	
O₂ Sensor	ZrO₂ sensor	
O₂ Concentration Control Range	3~20vol%/22~85vol%	
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%	
Filter	CO₂ gas filter	
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug	
Consumption	750W	800 W
Shelves	3pcs, adjustable	
Standard Accessories	Shelves, USB interface, CO₂ relief valve, O₂ relief valve, CO₂ gas filter, water pump	
Optional Accessory	Three-way connector	
Internal Size(W*D*H)	410*387*505mm	492*497*662mm
External Size(W*D*H)	608*707*785mm	688*797*955mm
Package Size(W*D*H)	732*811*937mm	841*1103*1141mm
Net Weight	65kg	85kg
Gross Weight	85kg	120kg

Constant Temperature and Humidity Incubator

Technical Parameters:

Model	BJPX-HT100B	BJPX-HT150B	BJPX-HT200B	BJPX-HT250B	BJPX-HT400B
Capacity (L)	100	150	200	250	400
Temp. Sensor	PT100				
Temp. Range	0～60℃				
Temp. Fluctuation	±1.0℃				
Temp. Uniformity	±2.0℃ (at 37℃)				
Temp. Precision	0.1℃				
Humidity Range	50～90%RH				
Humidity Fluctuations	≤±8%RH				
Humidity Precision	1.0% RH				
Humidification Method	Built-in humidification system				
Refrigerant	R134a				
Heating System	Stainless steel heater				
Timing Range	0～999h59min				
Control Type	Microcomputer PID controller				
Display	7.0-inch color LCD touch screen				
Material	External cold-rolled steel with painting; internal stainless steel				
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110±10%, 60Hz (Optional, External transformer)				
Consumption	1200W	1200W	1500W	1500W	1800W
Shelves	2 pcs/ adjustable				
Standard Accessories	USB port / Testing port				
Optional Accessories	UV lamp / BOD Socket / Printer/ Shelves /Automatic water supply system				
Internal Size(W*D*H) mm	500*350*580	550*401*690	600*450*750	660*450*850	658*500*1238
External Size(W*D*H) mm	644*647*1170	690*697*1270	742*743*1340	802*743*1440	845*800*1805
Packing Size(W*D*H) mm	790*795*1350	820*820*1450	880*880*1520	945*880*1720	995*940*1905
Net Weight (kg)	98.5	115	120	135	200
Gross Weight (kg)	117	135	148	165	235

Introduction:

The constant temperature and humidity incubator has a precise temperature and humidity control system. It provides various environmental simulation conditions required for industrial research and biotechnology testing. Therefore, it can be widely used in sterile tests and stability inspections for pharmaceuticals, textiles, and food processing. As well as testing of raw material properties, product packaging, and product life of industrial products.

Features:

＊ The 7.0-inch color LCD touch screen can monitor the temperature curve in real time.

＊ Universal castors for easy movement.

＊ Adopt double-layer door structure, built-in toughened glass door, and enlarged perspective windows on the outer door, making it easier to observe.

＊ Use safe and environmentally friendly polyurethane insulation board (moisture-proof, flame-retardant, high temperature resistance 250 ℃), better insulation effect.

＊ Sterilization system: optional UV sterilization lamp.

＊ Well-known brand compressors, environmentally friendly refrigerants, automatic frosting function.

＊ Internal SUS-304 mirror stainless steel material, external cold-rolled powder-coated steel plate

＊ Equipped with an alarm system: high temperature alarm, low water level alarm, independent overheat protection device, and overcurrent protection.

Constant Temperature and Humidity Incubator

LCD Display

USB Port (Optional)

E-mail: export@biobase.com
www.biobase.cc / www.biobase.com

Introduction:

The constant temperature and humidity incubator has a precise temperature and humidity control system. It provides various environmental simulation conditions required for industrial research and biotechnology testing. Therefore, it can be widely used in sterile tests and stability inspections for pharmaceuticals, textiles, and food processing. As well as testing of raw material properties, product packaging, and product life of industrial products.

Features:

＊ The LCD display screen features an interface for displaying real-time temperature and set temperature.

＊ Equipped with PID microcomputer temperature control. It has a timing function, parameter memory function, and can automatically resume operation when power is restored.

＊ The inner chamber is crafted from high-quality stainless steel with a semicircular four-corner design.

＊ The inner door is of tempered glass structure, while the outer door adopts a magnetic door seal design.
There is a hollow glass observation window for easy observation of the internal conditions of the equipment.

＊ It comes standard with lighting for convenient observation and a BOD socket(Typ1609) for convenient internal power supply.

＊ Equipped with an alarm system: high temperature alarm, low water level alarm, independent overheat protection device, and overcurrent protection.

Technical Parameters:

Model	BJPX-HT80 BII	BJPX-HT100 BII	BJPX-HT150 BII	BJPX-HT200 BII	BJPX-HT250 BII	BJPX-HT300 BII	BJPX-HT400 BII
Capacity (L)	80	100	150	200	250	300	400
Temp. Sensor	PT100						
Temp. Range	0℃～65℃						
Temp. Fluctuation	±1℃						
Temp. Uniformity	±2℃						
Temp. Precision	0.1℃						
Humidity Range	50%～90%RH						
Humidity Fluctuations	±5～8%RH						
Humidity Precision	1%RH						
Humidification Method	Built-in humidification system						
Refrigerant	R134a						R404a
Heating System	Stainless steel heater						
Timing Range	0～9999h(min)						
Control Type	Microcomputer PID controller						
Display	LCD						
Material	External cold-rolled steel with painting; internal stainless steel						
Power Supply	AC220V±10%, 50/60Hz (Standard) AC110±10%, 60Hz (Optional)						
Consumption	1200W	1200W	1200W	1300W	1300W	1500W	1500W
Shelves	2 pcs/ adjustable						
Standard Accessories	Socket / Lamp						
Optional Accessories	UV lamp / USB port / Printer / Shelves / Automatic water supply system						
Internal Size(W*D*H) mm	400*370*560	400*370*680	450*420*850	450*450*1000	480*490*1070	520*500*1170	580*540*1270
External Size(W*D*H) mm	540*580*1110	540*580*1230	590*630*1390	590*660*1540	620*700*1610	660*700*1710	720*760*1810
Packing Size(W*D*H) mm	680*730*1290	680*730*1410	730*770*1570	730*800*1720	760*850*1790	800*850*1890	860*900*1990
Net Weight(kg)	70	75	95	100	110	120	140
Gross Weight(kg)	85	90	125	140	150	160	175

Constant Temperature and Humidity Incubator

∗ The inner liners are made of high-quality stainless steel with a semi-circular and four-corner design.

∗ The unique refrigeration system has an automatic defrosting function and a blower for forced convection to make the temperature more uniform.

∗ Equipped with an alarm system: high temperature alarm, low water level alarm, independent overheat protection device, and overcurrent protection.

Technical Parameters:

Model	BJPX-HT1000(PC)
Capacity(L)	1000
Temp. Sensor	PT100
Temp. Range	5～60℃
Temp. Fluctuation	±2.0℃
Temp. Uniformity	±2.0℃ (at 37℃)
Temp. Precision	0.1℃
Humidity Range	50～95%RH
Humidity Fluctuations	±5~8%RH
Humidity Precision	1.0% RH
Humidification Method	Built-in humidification system
Refrigerant	R404a
Heating System	Stainless steel heater
Timing Range	0～5999min
Control Type	Microcomputer PID controller
Display	7.0-inch color LCD touch screen
Material	External cold-rolled steel with painting; internal stainless steel
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110±10%, 60Hz (Optional, External transformer)
Consumption	1800W
Shelves	2 pcs/ adjustable
Standard Accessories	USB port /LAN interface
Optional Accessories	UV lamp / LED lamp/ Printer/ Shelves /Automatic water supply system
Internal Size(W*D*H) mm	1200*600*1400
External Size(W*D*H) mm	1343*1046*1985
Package Size(W*D*H) mm	1420*1070*2150
Net Weight(kg)	227.5
Gross Weight(kg)	300

Applications:

The constant temperature and humidity incubator has a precise temperature and humidity control system. It provides various environmental simulation conditions required for industrial research and biotechnology testing. Therefore, it can be widely used in sterile tests and stability inspections for pharmaceuticals, textiles, and food processing. As well as testing of raw material properties, product packaging, and product life of industrial products.

Features:

∗ The 7-inch color LCD touch screen can monitor temperature and humidity curves in real-time and query operation history records on one screen.

∗ The PID microcomputer-controlled temperature allows fixed-value and segmented operations. It has a parameter memory function and can resume operation automatically after power-on.

∗ There are a built-in steam humidification system and an independent PID humidity control system.

∗ Three levels of operation interface permissions (administrator, experimenter, operator) prevent test interruption or equipment malfunction caused by unauthorized operations.

Multifunctional Incubator

Technical Parameters:

Model	BJPX-Y100	BJPX-Y150	BJPX-Y200	BJPX-Y300
Capacity	100L	150L	200L	300L
Temp. Sensor	PT100			
Temp. Range	0~100℃			
Temp. Fluctuation	≤ ±1℃ (at 37℃)			
Temp. Uniformity	≤ ±2℃ (at 37℃)			
Temp. Precision	0.1℃			
Timing Range	1-999h59min			
Control Type	Microcomputer controller			
Display	7.0-inch color LCD touch screen			
Alarm	Audible and visual alarm: Over-temperature alarm			
Material	External cold-rolled steel with painting; internal stainless steel			
Door	Double tempered glass doors with heating function			
Sterilization Type	UV lamp sterilization			
Ambient Temp. & Humidity	15~30℃, suggest 25±2℃; relative humidity ≤80%			
Caster	Universal caster			
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional, External transformer))			
Consumption	1100W	1100W	1200W	1450W
Shelves	3 pcs/ adjustable			
Standard Accessories	UV lamp / Lamp / USB port / LAN port			
Optional Accessories	Shelves			
Internal Size(W*D*H)mm	495*400*535	495*400*685	495*500*775	475*490*1240
External Size(W*D*H)mm	598*690*1229	623*690*1391	598*797*1475	761*606*1900
Packing Size(W*D*H)mm	700*790*1380	723*790*1540	700*900*1635	706*861*2054
Net Weight(kg)	90	100	110	132
Gross Weight(kg)	115	120	130	156

LCD Display

UV&LED lamp

USB LAN Port

Introduction:

The multifunctional incubator is widely used in the storage of medicines, reagents, vaccines, dialysate heating, physiological saline heating, heat preservation and preservation of medical equipment in the operating room, normal saline 37℃~42℃ heating, and washing fluid 35℃~37℃ heating, heating of mannitol at 37°C~42°C, heating of B-ultrasonic liquid, etc.

Features:

＊ The unique air duct design makes the temperature more uniform.

＊ The non-slip separator design prevents the sample from falling off when the shelves is pulled.

＊ The 7.0-inch color LCD touch screen can monitor the temperature curve in real time, and the menu-type operation interface is simple and easy to understand, which is convenient for observation and operation.

＊ Three-level operation interface authority (administrator, experimenter, operator), to prevent the operation of irrelevant personnel from causing test interruption or equipment failure.

＊ Equipped with an interconnected PC interface for remote operation monitoring.

Constant-Temperature Incubator

Introduction:

The constant temperature incubator provides stable temperature control and can accurately adjust the temperature within a certain temperature range to meet different experimental needs.

Applications:

This series of products can be used for scientific research such as storing strains and biological cultivation in laboratories and laboratories of scientific research institutions, colleges and universities, biology and agriculture.

Features:

✻ Clever integration greatly improves product quality.

✻ Unique air duct design makes the temperature more uniform.

✻ The studio adopts a semicircular four-corner design for easy cleaning.

✻ The inner cavity is filled with high-quality insulation cotton on all sides, which has a good insulation effect.

✻ PT100 temperature sensor ensures that the product has extremely high reliability.

✻ Equipped with leakage current and overvoltage protectors.

✻ With over-temperature alarm, the alarm will be activated when the temperature in the box exceeds the set temperature.

✻ Add a temperature control switch. When the temperature is too high, the switch is disconnected to prevent damage to the instrument caused by excessive temperature.
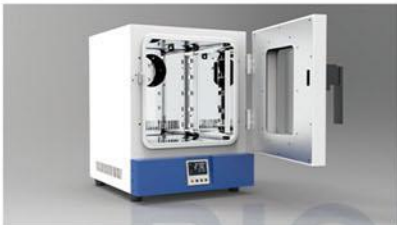
Technical Parameters:

Model	BJPX-H30L
Capacity	30L
Temperature Sensor	PT100
Temperature Range	RT+5~85°C
Temperature Fluctuation	±0.2°C (at 37°C)
Temperature Uniformity	±0.5°C (at 37°C)
Temperature Precision	0.1°C
Timing Range	0~9999min/h
Display	LCD
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)
Consumption	150W
Shelves	2pcs
Standard Accessories	Shelf
Optional Accessories	Shelf, Footmaster caster
Internal Size(mm)	310*310*310
External Size(mm)	432*538*570
Packing Size(mm)	510*680*620
Net Weight(kg)	28
Gross Weight(kg)	40

Touch Screen Constant-Temperature Incubator

Double-layer Door (D type)　　　　Glass Viewing Window Door (G type)

Standard Accessories:　Optional Accessories:
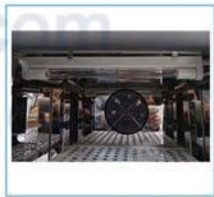

Test port　　　Base stand　　　Footmaster Caster　　　UV lamp

Introduction:

The constant temperature incubator provides stable temperature control and can accurately adjust the temperature within a certain temperature range to meet different experimental needs.

Applications:

This series of products can be used for scientific research such as storing strains and biological cultivation in laboratories and laboratories of scientific research institutions, colleges and universities, biology and agriculture.

Features:

* Large LCD touch screen.
* Stainless steel chamber, easy to clean.
* D type: with inner glass door.
* G type: with viewing window.
* Multi-stage temperature calibration, smaller temperature deviation in different temperature ranges.
* Anti-slip partition design, adjustable spacing, flexible and convenient.
* Test port is standard on the side of the box for detection and calibration.
* Over temperature alarm, independent limit temperature alarm system, leakage current and over-voltage protector.

Technical Parameters:

Model	BJPX-H54BK(D/G)	BJPX-H88BK(D/G)	BJPX-H160BK(D/G)	BJPX-H200BK(G)	BJPX-H270BK(G)
Capacity	54L	88L	160L	200L	270L
Temperature Sensor	PT100				
Temperature Range	RT+5~85℃				
Temperature Fluctuation	±1℃ (at 37℃)				
Temperature Uniformity	±2℃ (at 37℃)				
Temperature Precision	0.1℃				
Timing Range	0~99.9h				
Display	LCD				
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110V±10%, 50/60Hz(Optional)				
Power Consumption	345W		495W		645W
Shelves	2pcs				
Standard Accessories	Shelf, test port				
Optional Accessories	Footmaster, shelf, base stand, UV lamp				
Internal Size(mm)	385*346*395	500*350*500	558*518*600	598*548*638	665*600*720
External Size(W*D*H)mm	D type: 536*588*681 G type: 522*626*587	D type: 650*573*793 G type: 627*621*692	D type: 718*732*890 G type: 685*779*790	725*809*830	791*859*912
Packing Size(W*D*H)mm	D type: 670*690*850 G type: 630*715*750	D type: 755*660*955 G type: 835*710*850	D type: 825*830*1060 G type: 790*865*960	830*895*990	900*945*1075
Gross Weight(kg)	D type: 51 G type: 44	D type: 72 G type: 58.5	D type: 100 G type: 82	89	115

Constant-Temperature Incubator

Introduction:

The constant temperature incubator provides stable temperature control and can accurately adjust the temperature within a certain temperature range to meet different experimental needs.

Applications:

This series of products can be used for scientific research such as storing strains and biological cultivation in laboratories and laboratories of scientific research institutions, colleges and universities, biology and agriculture.

Features:

＊ Microcomputer-based smart temperature controller.
＊ LCD displays the set temperature and the temperature inside the box. It has parameter memory for protection against power outages, freezes, and data loss, and a call recovery function. It has over-temperature, sensor failure, electricity leakage, over-cur rent protection, sound and light alarm functions, and a timing function.
＊ Separate temperature limiting and alarming system, automatic suspension in time of exceeding temperature limit(optional).
＊ UV sterilizing system(optional).
＊ RS-485 port, capable of being connected with printer or computer, recording variations of temperature parameters(optional).
＊ Double door(optional).

Technical Parameters:

Model	BJPX-H50IV	BJPX-H80IV	BJPX-H160IV	BJPX-H270IV
Capacity	50L	80L	160L	270L
Temperature Range	RT+5~65℃			
Temp. Fluctuation	±0.5℃			
Temp. Uniformity	±1℃ (37℃)			
Temperature Precision	0.1℃			
Time Range	1~9999min			
Display	LCD			
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110V±10%, 50/60Hz(Standard)			
Consumption	250W	300W	400W	600W
Shelves	2pcs			
Standard Accessories	Shelf			
Optional Accessories	Separate temperature limiting and alarming system, UV sterilizing system, RS-485 port, inner door			
Internal Size(mm)	350*360*410	400*400*500	500*500*650	600*600*750
External Size(mm)	450*520*680	500*560*760	600*620*910	720*690*1020
Packing Size(mm)	550*620*780	600*660*860	700*720*1010	820*790*1120
Gross Weight(kg)	40	47	70	90

Introduction:

The constant temperature incubator provides stable temperature control and can accurately adjust the temperature within a certain temperature range to meet different experimental needs.

Applications:

This series of products can be used for scientific research such as storing strains and biological cultivation in laboratories and laboratories of scientific research institutions, colleges and universities, biology and agriculture.

Features:

＊ LCD display.
＊ PID control, precise temperature control with small fluctuation
＊ Double door design and magnetic door sealing.
＊ The working chamber adopts round angle structure, easy to clean.
＊ Over temperature protection
＊ RS485/232 port, printer, USB: can only choose one of these three for BJPX-H35

BJPX-H35   BJPX-H50/80/160/270II

Technical Parameters:

Model	BJPX-H35	BJPX-H50II	BJPX-H80II	BJPX-H160II	BJPX-H270II
Capacity	35L	48L	84L	160L	270L
Temperature Range	RT+5~65°C	RT+5~60°C			
Temperature Fluctuation	±0.5°C	±0.3°C			
Temperature Uniformity	±1.5°C	±0.5°C			
Temperature Precision	0.1°C				
Time Range	0~99h59min	0~9999min			
Display	LCD				
Power Supply	AC220V, 50/60Hz(Standard); AC110/220, 50/60Hz(Optional)				
Consumption	200W	437W	502W	580W	688W
Shelves	2 pcs/adjustable			3 pcs/adjustable	
Standard Accessories	Shelf				
Optional Accessories	UV sterilizing system, multi-segment programmable controller, shelf	Test port, RS485, RS485 to USB adapter interface, printer, external temperature protection device, shelf			
Internal Size(mm)	340*320*320	350*348*400	410*405*510	505*455*700	600*600*750
External Size(mm)	620*490*490	510*548*740	570*600*850	673*645*1033	768*795*1083
Package Size(mm)	780*650*580mm	590*660*870	720*640*990	760*750*1180	840*920*1230
Gross Weight(kg)	30	56	72	102	130

Biochemistry Incubator

LCD touch screen

Built-in printer

Test port

Double door

Applications:

It's suitable for environmental protection, agricultural and animal, drug testing, aquatic and other scientific research institutions, laboratories and production departments, is the water analysis BOD determination of bacteria, mold, microbial culture, preservation, plant cultivation, breeding experiment general thermostatic equipment.
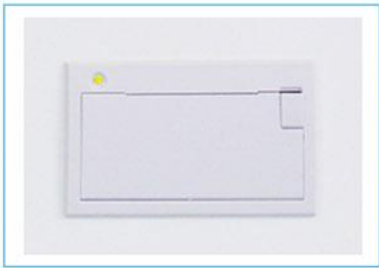
Features:

＊ Touch screen: 7.0-inch touch screen operation, multiple groups of data one screen display, temperature curve can be viewed.

＊ Double glass door design: Adopt double door structure, built-in toughened glass door, outer door to enlarge the perspective window for easy observation.

＊ Defrosting design: Evaporator upper and lower plate automatically switch defrosting design, no need to stop defrosting.

＊ With limited temperature system, when the studio temperature exceeds the specified temperature, the equipment stops heating function to prevent excessive temperature damage to the instrument.

＊ In the working state, the outer door will not affect the normal work of the incubator, the glass door is standard with mechanical door lock, to prevent the glass door arbitrary switch.

Technical Parameters:

Model	BJPX-B100	BJPX-B150	BJPX-B200	BJPX-B250
Capacity	100L	150L	200L	250L
Temperature Control Mode	PT100 sensor and PID adjustment			
Temperature Control Range	0~60℃			
Temperature Display Resolution	0.1℃			
Temperature Fluctuation	±1℃			
Temperature Uniformity	±2℃			
Ambient Temperature	18~30℃(only suitable for indoor use)			
Timing Range	0~999h59min			
Refrigerant Disinfection	R134a/270g UV disinfection device can be optional			
Controller	Programmable 7.0 inch touch screen controller			
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz (Optional) (External transformer)			
Rated Power	1200W		1400W	1500W
Shelves	469*319mm, 2pcs, can be optional	519*372mm, 2pcs, can be optional	569*409mm, 3pcs, can be optional	630*408mm, 3pcs, can be optional
Standard Accessories	Printer, BOD waterproof socket, Shelf*2, Test port*2			
Optional Accessories	USB interface, UV disinfection device,Shelf			
Internal Size (W*D*H)	500*350*580mm	550*401*690mm	600*450*750mm	660*450*850mm
External Size (W*D*H)	644*647*1170mm	690*692*1270mm	742*743*1340mm	802*743*1440mm
Package Size (W*D*H)	790*795*1350mm	815*817*1335mm	880*880*1520mm	945*880*1720mm
Net weight	105kg	120kg	130kg	145kg
Gross weight	117kg	135kg	150kg	165kg

Biochemistry Incubator

Technical Parameters:

Model	BJPX-I-80	BJPX-I-100	BJPX-I-150	BJPX-I-200	BJPX-I-250	BJPX-I-300	BJPX-I-400
Capacity	80L	100L	150L	200L	250L	300L	400L
Temperature Control Mode	PT100 sensor and PID adjustment						
Temperature Control Range	0~65℃						
Temperature Display Resolution	0.1℃						
Temperature Fluctuation	Heating: ±0.5℃; Refrigeration: ±1℃						
Temperature Uniformity	±2℃						
Timing Range	0~9999min/h						
Refrigerant	R134a/230g		R134a/250g	R134a/270g		R134a/320g	R404a/350g
Disinfection	UV disinfection device can be optional						
Display	LCD display						
Power Supply	AC220V, 50/60Hz (Standard); AC110V, 50/60Hz (Optional)						
Rated Power	1000W			1200W		1400W	
Shelves	388*345mm, 2pcs, can be optional		436*413mm, 2pcs, can be optional	436*436mm, 2pcs, can be optional	460*485mm, 2pcs, can be optional	508*490mm, 2pcs, can be optional	566*530mm, 2pcs, can be optional
Standard Accessories	Shelf*2, Multi-function splashproof socket*1, BOD waterproof socket						
Optional Accessories	RS485 interface, USB interface, Printer, UV disinfection device, Tempered glass inner door, Test port						
Internal Size (L*W*H)	400*370* 560mm	400*370* 680mm	450*420* 850mm	450*450* 1000mm	480*490* 1070mm	520*500* 1170mm	580*540* 1270mm
External Size (L*W*H)	540*580* 1100mm	540*580* 1220mm	590*630* 1380mm	590*660* 1530mm	620*700* 1600mm	660*700* 1700mm	720*760* 1800mm
Package Size (L*W*H)	680*730* 1290mm	680*730* 1410mm	730*770* 1570mm	730*800* 1720mm	760*850* 1790mm	800*850* 1890mm	860*900* 1990mm
Net Weight	65kg	70kg	90kg	95kg	105kg	115kg	135kg
Gross Weight	80kg	85kg	120kg	138kg	147kg	157kg	170kg
Remark	*The performance parameters are tested under no-load condition and the ambient temperature is 20℃, the ambient humidity was 50%RH *It can not be used for long periods of refrigerated storage, and it can not be used for culture of human origin samples						

LCD Display

Features:

＊Display mode: LCD display, with real-time temperature, set temperature display interface.

＊Temperature control mode: PID microcomputer temperature control; with timing function, timing range 9999 min/h, with parameter memory function, call automatic recovery operation.

＊Temperature sensor type: PT100 temperature sensor.

＊Heating method: stainless steel heating tube direct heating type.

＊The inner tank is made of high quality stainless steel, half round four corners design;

＊Hollow glass observation window, easy to observe the internal situation of the equipment.

＊Equipped with alarm system: high temperature alarm, independent overheating protection device, over current protection.

＊The inner box is equipped with standard lighting for easy observation and standard BOD socket for easy internal power supply.

＊Unique refrigeration circuit, with fan to form forced convection, make the average temperature in the working room better.

Lighting Incubator

| Large LCD screen | Mechanical lock (Standard) | Test port (Optional) | Shelf (Standard) |

BJPX-L200BK

BJPX-L200BKII

E-mail: export@biobase.com
www.biobase.cc / www.biobase.com

Applications:

The product is a high precision thermostat equipment with light function. It can be used for plant germination, seedling cultivation, microbial culture, water quality monitoring BOD determination, and other uses of thermostatic test. It is an ideal experimental equipment for biological genetic engineering, medicine, agriculture, forestry, environmental science, animal husbandry, aquatic production, scientific research and teaching departments.

Features:

* The incubator is designed with circular arc structure for easy cleaning.
* LED light plate cold light source lighting, irradiation surface more uniform, less heat, making the box temperature more stable.
* The illumination grade is adjustable, it can be adjusted by controlling the on and off of different light lines to simulate day and night.
* Large screen LCD display, multiple groups of data display in one screen, menu type operation interface, simple and easy to understand, easy to operate.
* The operation interface has automatic lock function to ensure the safety of operation.
* Imported compressor, CFC-free refrigerant,eco-friendly and highly efficient.
* Pull-out movable shelf, adjustable spacing, equipped with casters, easy to move.
* Non-slip off shelf design, prevent the petri dish slip, more secure.
* Small front door design, both thermal insulation and can prevent the loss of light.(BJPX-L200BK).
* There is a door on the front, left and right, and each door has lamp tubes(BJPX-L200BKII).

Technical Parameters:

Model	BJPX-L200BK	BJPX-L200BKII
Capacity	200L	
Temperature Control Range	With illumination: 10~60℃; Without illumination: 0~60℃	
Temperature Display Resolution	0.1℃	
Temperature Fluctuation	±0.5℃	
Temperature Uniformity	±1.0℃	
Ambient Temperature	5~30℃, 25±2℃ is recommended	
Timing Range	0~9999min/h or continuous	
Temperature Controller	PID controller, 30-segment program	
Display	LCD display	
Lighting Type	Top lighting	Three-sided illumination
Intensity of Illumination	Top vertical LED cold light source: 0~20000lx	Three side(left, right and front) LED cold light source: 0~20000lx
Illumination Adjustment Grade	10-grade adjustable	5-grade adjustable
Refrigerant	R134a/250g	
Circulation Mode	Forced convection	
Alarm	Independent temperature limit alarm system, leakage current and over voltage protector, Over-temperature alarm(＞2℃)	
Material	External material: cold rolled steel; Internal material: 304 stainless steel	
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110V±10%, 50/60Hz(Optional)	
Consumption	1200W	
Shelves	521*435mm, 2pcs(one with LED cold light source, one without), can be optional	515*435mm, 2pcs,can be optional
Standard Accessories	Shelf*2, Mechanical lock	
Optional Accessories	Shelf, Test port, RS485 interface, USB interface, Printer(USB must also be optional)	
Internal Size (W*D*H)	548*476*778mm	548*476*778mm
External Size (W*D*H)	750*760*1500mm	750*760*1530mm
Package Size (W*D*H)	870*885*1700mm	870*885*1700mm
Net Weight	135kg	175kg
Gross Weight	160kg	200kg

Lighting Incubator

Shelf (Standard)

LCD display

Printer (Optional for BJPX-LII)

BJPX-L150/II BJPX-L250/II
BJPX-L300/II BJPX-L400/II

Applications:

The product is a high precision thermostat equipment with light function. It can be used for plant germination, seedling cultivation, microbial culture, water quality monitoring BOD determination, and other uses of thermostatic test. It is an ideal experimental equipment for biological genetic engineering, medicine, agriculture, forestry, environmental science, animal husbandry, aquatic production, scientific research and teaching departments.

Features:

＊ External material: cold rolled steel surface spray; Internal material: SUS304 stainless steel plate.

＊ The inner box is equipped with a fan to form a micro-air circulation to improve the temperature uniformity in the box.

＊ Microcomputer intelligent PI.D temperature controller, accurate temperature control, with parameter memory function, call automatic recovery operation.

＊ The incubator is designed with circular arc structure for easy cleaning.

＊ Pull-out movable shelf, adjustable spacing, equipped with casters, easy to move.

＊ Imported compressor, CFC-free refrigerant,eco-friendly and highly efficient.

Technical Parameters:

Model	BJPX-L150/II	BJPX-L250/II	BJPX-L300/II	BJPX-L400/II
Capacity	159L	248L	290L	402L
Temperature Control Range	With illumination: 10~50℃; Without illumination: 5~50℃			
Temperature Display Resolution	0.1℃			
Temperature Fluctuation	±0.5℃ balanced temperature control			
Temperature Uniformity	±2℃			
Temperature Control Accuracy	±0.1℃			
Timing Range	0~99h			
Temperature Controller	BJPX-L series: PID controller, 30-segment program BJPX-LII series: PID controller, 24-segment program			
Display	BJPX-L series: LED display; BJPX-LII series: LCD display			
Lighting Type	BJPX-L series: 2-side lighting BJPX-LII series: 3-side lighting			
Intensity of Illumination	BJPX-L series: 0~6000Lux BJPX-LII series: 0~12000Lux LED tube, color temperature 6500K			
Illumination Adjustment Grade	BJPX-L series: 6-grade adjustable BJPX-LII series: 5-grade adjustable			
Refrigerant	R134a/300g	R134a/350g		R134a/400g
Circulation Mode	Breeze stirring mode(Forced convection)			
Alarm	Over-temperature alarm, temperature probe damage alarm			
Material	External material: cold rolled steel; Internal material: 304 stainless steel			
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 50/60Hz(Optional)(External transformer)			
Consumption	1000W	1500W	2000W	2500W
Shelves	405*390mm, 3pcs, can be optional	454*430mm, 3pcs, can be optional	476*450mm, 3pcs, can be optional	545*560mm, 3pcs, can be optional
Standard Accessories	Shelf*3			
Optional Accessories	BJPX-LII series: Shelf, External temperature protection device, External temperature SMS alarm module (excluding data flow card, with mobile APP Query function), RS485 interface, RS485 to USB adapter, Micro thermal printer or micro needle printer BJPX-L series: Shelf			
Internal Size (W*D*H)	420*408*928mm	470*449*1178mm	490*464*1278mm	560*600*1198mm
External Size (W*D*H)	621*752*1575mm	672*792*1825mm	691*807*1925mm	764*932*1860mm
Package Size (W*D*H)	690*870*1720mm	750*920*1960mm	760*940*2080mm	850*1050*2020mm
Net Weight	L: 123kg; LII: 128kg	L: 156kg; LII: 161kg	L: 166kg; LII: 171kg	L: 194kg; LII: 199kg
Gross Weight	L: 139kg; LII: 143kg	L: 176kg; LII: 181kg	L: 188kg; LII: 196kg	L: 218kg; LII: 224kg

Climate Incubator

BJPX-A1000CI   BJPX-A1500CI

Technical Parameters:

Model	BJPX-A1000CI	BJPX-A1500CI
Capacity	1000L	1500L
Temp. Sensor	PT100	
Temp. Range	0~50℃(No Light: 0~50℃, with light: 10~50℃)	
Temp. Fluctuation	±1℃(Experimental conditions: no load, environmental temperature 20℃, humidity 50%RH)	
Temp. Uniformity	7℃	
Temp. Resolution	0.1℃	
Timing Range	Timing 0~99 hours 59 minutes/continuous operation	
Humidity Range	50~95%RH	
Humidity Control Accuracy	±1%RH	
Humidity Fluctuation	±3~±7%RH	
Light	20000lux	
Working Environment	10~30℃	
Power Supply	AC220V, 50Hz(Standard); 220V, 60Hz(Optional)	
Consumption	2056W	4210W
Shelf	3	
Standard Accessory	Manual intake control valve, external large-capacity water tank	
Optional Accessory	Touch screen, 99-segment program control, printer, USB port, wireless alarm system (SMS alerts), CO₂ control module, UV lamp, timed ventilation function, 220V power outlet inside chamber, M50 test port, double-door design with inner glass door	
Internal Size(W*D*H)	1200*620*1200mm	1730*620*1300mm
External Size(W*D*H)	1300*780*1830mm	1830*780*1930mm
Package Size(W*D*H)	1500*820*2150mm	2160*900*2080mm
Net Weight	243kg	370kg
Gross Weight	263kg	390kg

Introduction:

The climate incubator is a high-precision device designed to create a controlled environment for the incubation and growth of biological and plant samples. It is essential for laboratories, research institutions, and agricultural studies that require stable and specific climate conditions.

Features:

＊ The shell is sprayed with cold-rolled steel plate, the chamber is made of stainless steel.

＊ Microcomputer program control, 9 selectable operation modes, with a control method that cycles between day and night.

＊ Refrigeration unit adopts brand compressor, the use of fluorine-free environmental protection refrigerant, adaptive ring temperature change for constant temperature control, 180s refrigeration shutdown protection.

＊ It has alarms for over-temperature, under-temperature and sensor failure.

＊ The external water tank is directly connected to the interior, ensuring more uniform humidity levels inside the cabinet.

＊ The horizontal micro-perforated air outlet structure combined with vertical air return circulation ensures uniform airflow across every layer of the samples.

Climate Incubator

BJPX-A250/II BJPX-A300/II
BJPX-A400/II

BJPX-A300III

Introduction:

The climate incubator is a high-precision device designed to create a controlled environment for the incubation and growth of biological and plant samples. It is essential for laboratories, research institutions, and agricultural studies that require stable and specific climate conditions.

Features:

∗ Microprocessor PID control, accurate and stable.
∗ Magnetic door sealing.
∗ LED display for BJPX-A series, LCD display for BJPX-AII and AIII series.
∗ CFC-free refrigerant, eco-friendly and highly efficient.

Technical Parameters:

Model	BJPX-A250/II	BJPX-A300/II	BJPX-A300III	BJPX-A400/II
Capacity (L)	248L	290L	300L	403L
Temp. sensor	PT100			
Temp. Range	With illumination: 10~50°C, Without illumination: 5~50°C		With illumination: 10~50°C, Without illumination: 4~50°C	With illumination: 10~50°C, Without illumination: 5~50°C
Temp. Fluctuation	±0.5°C		±1°C	±0.5°C
Temp. Uniformity	±2°C			
Temp. Precision	0.1°C			
Timing Range (min/h)	0~99			
Humidity Range	With illumination: 50%~80%(18~45°C); Without illumination: 50%~90%(15~45°C)		50~90%RH	With illumination: 50%~80%(18~45°C); Without illumination: 50%~90%(15~45°C)
Humidity Control Accuracy	±1%RH			
Humidity Control Fluctuation	±3%RH		±5~7%RH	±3%RH
Light(Lux)	BJPX-A250/300/400: 0~6000Lux(6-grade adjustable) BJPX-A250II/300II/400II: 0~12000Lux(5-grade adjustable) BJPX-A300III: 0~20000(6-grade adjustable)			
Working Environment	5~30°C			
Power Supply	BJPX-A and All series: AC220V, 50/60Hz(Standard) BJPX-AIII series: AC220V, 50Hz(Standard)			
Consumption	2400W	2900W	1500W	3400W
Shelves	3	3	3	3
Standard Accessories	Three shelves, one mainframe			
Optional Accessories	RS485, RS485 to USB switching port, thermal printer		U disk, RS485/232, printer (three can only choose one), CO2 controller	RS485, RS485 to USB switching port, thermal printer
Internal Size(W*D*H)	470*449*1178mm	490*464*1278mm	520*550*1140mm	560*600*1198mm
External Size(W*D*H)	672*892*1825mm	691*907*1925mm	830*850*1850mm	764*1032*1860mm
Package Size(W*D*H)	800*1010*1990mm	790*1040*2090mm	950*930*2100mm	890*1150*2030mm
Gross Weight	185kg	195kg	300kg	230kg

Mould Incubator

Application:

This series of products are widely used in medical and health, epidemic prevention and inspection, animal husbandry research, environmental protection, agricultural scientific research and other fields.

Features:

∗ The 7-inch LCD touch screen can monitor the temperature and humidity curves in real time, which is convenient for observation and operation.

∗ Accurate control: equipped with a microcomputer temperature control system and an independent PID humidity control system.

∗ Three-level operation interface authority (administrator, experimenter, operator), to prevent the operation of irrelevant personnel from causing test interruption or equipment failure.

∗ Equipped with an interconnected PC interface for remote operation monitoring and optional mobile APP control program.

∗ The upper and lower slices of the evaporator are automatically switched to defrost, without stopping the defrost.

∗ Ultraviolet lamp sterilization, effectively prevent pollution during culture.

Technical Parameters:

Model	BJPX-M100P	BJPX-M150P	BJPX-M200P	BJPX-M250P
Capacity (L)	100	150	200	250
Temp. sensor	PT100			
Temp. Range	0~60℃(Microcomputer PID control)			
Temp. Fluctuation	±0.5℃			
Temp. Uniformity(at 37℃)	±1℃			
Temp. Precision	0.1℃			
Timing Range(min/h)	1~5999			
Humidity Range	50%~95%			
Humidity Control Accuracy	1%RH			
Humidity Control Fluctuation	±3%~±5%RH			
Refrigerant	R134a(CFC-free environmentally friendly refrigerant)			
Sterilization Method	UV sterilization lamp(Timetable setting)			
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional)			
Consumption	1200W	1200W	1500W	1500W
Shelves	2	2	2	2
Standard Accessories	USB interface, remote PC port			
Optional Accessories	External ultrasonic humidifier, printer			
Internal Size(W*D*H)	448*405*580mm	518*418*700mm	598*445*770mm	598*447*940mm
External Size(W*D*H)	635*667*1335mm	705*677*1485mm	785*767*1525mm	762*767*1637mm
Package Size(W*D*H)	775*805*1515mm	845*815*1660mm	925*905*1705mm	890*905*1815mm
Net Weight	100kg	120kg	140kg	150kg
Gross Weight	125kg	140kg	165kg	180kg

* Notice:It cannot be used for long-term refrigeration and storage;This product is not recommended for the cultivation of samples of human origin.

Mould Incubator

Application:

This series of products are widely used in medical and health, epidemic prevention and inspection, animal husbandry research, environmental protection, agricultural scientific research and other fields.

Features:

∗ Structural design: The box shell material is made of cold-rolled steel plate, which is environmentally friendly sprayed, and has strong corrosion resistance; the studio is made of SUS304 mirror stainless steel plate.

∗ Energy-saving design: Non-fluorine environmentally friendly high-efficiency refrigerant, fast cooling speed, high cooling efficiency, low power consumption.

∗ Humanized design: The height of the shelf can be adjusted at will and free assembly; the outer door adopts a magnetic door seal with good airtightness; the outer door is equipped with an observation window.

∗ Safety guarantee: The equipment is equipped with a leakage protection device and a buzzer alarm system.

Technical Parameters:

Model	BJPX-M100B	BJPX-M150B	BJPX-M200B	BJPX-M250B
Capacity (L)	100	150	200	250
Temp. sensor	PT100			
Temp. Range	0~85℃			
Temp. Fluctuation	0~18℃: ±1.0℃; 19~42℃: ±0.5℃; 43~85℃: ±1.0℃			
Temp. Uniformity	±2℃			
Temp. Precision	0.1℃			
Timing Range(min/h)	0~9999			
Humidity Range	50%~95%			
Humidity Control Accuracy	1%RH			
Humidity Control Fluctuation	±5~±8%RH			
Refrigerant	R134a(CFC-free environmentally friendly refrigerant)			
Sterilization Method	UV sterilization lamp(Timetable setting)			
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional)			
Consumption	1000	1000	1200	1200
Shelves	2			
Standard Accessories	UV sterilization lamp			
Optional Accessories	USB interface, printer, Shelf			
Internal Size(W*D*H)	350*500*580mm	401*550*690mm	450*600*750mm	450*660*850mm
External Size(W*D*H)	647*644*1170mm	692*690*1270mm	743*742*1340mm	743*802*1440mm
Package Size(W*D*H)	790*795*1350mm	820*820*1450mm	880*880*1520mm	880*945*1720mm
Net Weight	98.5kg	115kg	125kg	135kg
Gross Weight	115kg	140kg	150kg	170kg

* Notice:It cannot be used for long-term refrigeration and storage;This product is not recommended for the cultivation of samples of human origin.

Mould Incubator

Features:

* LCD display.

* The refrigeration adopts a new fluorine-free design to ensure green and environmental protection.

* With parameter memory function, the call will automatically resume operation.

* The inner box is designed with a circular arc structure, which is easy to clean.

* Pullable movable shelves with adjustable spacing.

* The inner box is equipped with a fan to form a micro air circulation to improve the temperature uniformity in the box.

* Outer box material: cold-rolled steel plate sprayed on the surface; internal material: SUS304 stainless steel plate.

Technical Parameters:

Model	BJPX-M80N	BJPX-M100N	BJPX-M150N	BJPX-M200N	BJPX-M250N	BJPX-M300N	BJPX-M400N
Capacity (L)	80	100	150	200	250	300	400
Temp. sensor	PT100						
Temp. Range	0~65℃						
Temp. Fluctuation	±1℃						
Temp. Uniformity	±2℃						
Temp. Precision	0.1℃						
Timing Range (min/h)	0~9999						
Humidity Range	50%~90%						
Humidity Control Accuracy	1%RH						
Humidity Control Fluctuation	±5%~±8%RH						
Refrigerant	R134a						
Sterilization Method	UV sterilization lamp(Timetable setting)						
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 60Hz(Optional)						
Consumption	1200W	1200W	1200W	1300W	1300W	1500W	1500W
Shelves	2						
Standard Accessories	UV sterilization lamp, Shelf*2						
Optional Accessories	USB interface, Printer, Shelf						
Internal Size(W*D*H)	400*370 *560mm	400*370 *680mm	450*420 *850mm	450*450 *1000mm	480*490 *1070mm	520*500 *1170mm	580*540 *1270mm
External Size(W*D*H)	540*580 *1110mm	540*580 *1230mm	590*630 *1390mm	590*660 *1540mm	620*700 *1610mm	660*700 *1710mm	720*760 *1810mm
Package Size(W*D*H)	670*710 *1400mm	670*710 *1400mm	720*760 *1560mm	720*790 *1710mm	750*830 *1780mm	790*830 *1880mm	850*880 *1980mm
Net Weight	70kg	75kg	95kg	100kg	110kg	120kg	140kg
Gross Weight	90kg	95kg	130kg	148kg	157kg	167kg	180kg

* Notice:It cannot be used for long-term refrigeration and storage.

LCD Display

USB Port

Application:

This series of products are widely used in medical and health, epidemic prevention and inspection, animal husbandry research, environmental protection, agricultural scientific research and other fields.

Small Capacity Thermostatic Shaking Incubator

BJPX-ST10-L/11-L

BJPX-ST10/11/20

96-well plate Holder

Clamping Rod
Shaking Plate

Flask Holder

Tube Rack

Features:

∗ Visible transparent window, three transparent acrylic cover, can be observed from multiple angles.

∗ Large screen is easy to operate, can be simple and intuitive parameter setting.

∗ Microcomputer is used to control temperature and oscillation frequency, with timing function; With power failure protection function, it can automatically resume operation after the normal power supply.

∗ It has the functions of historical data, curve, alarm record query, data storage and export (U disk), password lock screen protection and Chinese and English switching.

∗ Smooth operation, rubber shock absorber foot, ensure that the machine can run smoothly at high speed.

∗ Micro switch to open the door to stop, over-temperature alarm, protect the safety of experimental materials.

∗ The refrigeration system conforms to the trend of environmental protection, and the new fluorine-free design.

∗ Standard of USB for BJPX-ST10/11/20

Technical Parameters:

Model	BJPX-ST10-L	BJPX-ST11-L	BJPX-ST10	BJPX-ST11	BJPX-ST20
Capacity	22L		104L		109L
Temperature Control Range	RT+5~60℃				4~60℃
Temperature Display Resolution	0.1℃				
Temperature Uniformity	≤±1℃ (at 37℃)				
Temperature Fluctuation	≤±0.5℃				
Ambient Temperature	15~35℃				
Timing Range	0~9999min (h)		0~999h59min		
Control Mode	PID microcomputer control				
Display	LCD display		5.0-inch touch screen		
Circulation Mode	Forced convection				
Oscillation Mode	Rotary shaking				
Curve Programming Setting	Fixed value control temperature velocity		Fixed value and multi-stage control temperature velocity		
Speed Range	30~300 rpm				
Speed Accuracy	±1 rpm				
Swing Amplitude of The Plate	Φ26mm	Φ50mm	Φ26mm	Φ50mm	Φ26mm
Shaking Plate	245*245mm		566*363mm	566*343mm	566*363mm
Refrigerant	/				R290/75g
Max Capacity	Flask holder: 50ml*16, 100ml*9, 150ml*8, 200ml*6, 250ml*6, 500ml*3, 1000ml*2, 96-well plate*4	Flask holder: 50ml*14, 100ml*7, 150ml*7, 200ml*5, 250ml*5, 500ml*3, 1000ml*1, 96-well plate*5	Flask holder: 50ml*54, 100ml*33, 150ml*28, 200ml*23, 250ml*23, 500ml*18(BJPX-ST10/20), 500ml*15 (BJPX-ST11), 1000ml*11, 2000ml*7(BJPX-ST10/20), 2000ml*6(BJPX-ST11), 3000ml*6(BJPX-ST10/20), 3000ml*4(BJPX-ST11), Tube rack*2, 96-well plate*10, clamping rod shaking plate*1		
Defrost Function	/				Automatic defrosting
Alarm	Over-temperature alarm, Power failure protection, Automatic stop upon opening door				
Material	External material: Cold rolled steel plate spray; Internal material: 304 stainless steel				
Power Supply	AC220V, 50Hz (Standard); 110V, 50/60Hz (Optional)(External transformer)				
Consumption	500W		800W		1000W
Standard Accessories	Flask holder: 50ml*6 or 100ml*6 or 150ml*5 or 200ml*5 or 250ml*4 (Default) or 500ml*2 or 1000ml*1		Flask holder: 50ml*20 or 100ml*20 or 150ml*16 or 200ml*16 or 250ml*12 (Default) or 500ml*10 or 1000ml*6 or 2000ml*4 or 3000ml*4		
Optional Accessories	96-well plate, Universal spring clamp		Tube rack, 96-well plate, Clamping rod shaking plate, Universal spring clamp		
Internal Size (W*D*H)	310*315*230mm		663*413*380mm		663*446*372mm
External Size (W*D*H)	365*510*440mm		719*700*590mm		719*780*590mm
Package Size (W*D*H)	485*630*600mm	485*630*600mm	840*830*730mm	840*830*730mm	840*910*730mm
Net Weight	31.5kg	38kg	64kg	90kg	89kg
Gross Weight	39kg	45.5kg	78kg	104kg	107kg

Small Capacity Thermostatic Shaking Incubator

BJPX-ST68B

BJPX-ST80B

Universal Spring Clamp

Hidden Water Collection Box (for BJPX-ST80B)

Flask Clamp

7.0-inch Touch Screen (for BJPX-ST68B)

7.0-inch Touch Screen (for BJPX-ST80B)

Features:

* Smooth acceleration, effectively prevent liquid splashing rubber cushioning foot, to ensure that the machine can run smoothly at high speed.
* Low heat dissipation DC motor, large starting torque, wide speed regulation, maintenance free.
* 7.0-inch touch screen, accurate reading, easy operation real-time display of temperature and speed.
* Independent temperature limit alarm system, automatically cut off the heating after exceeding the limit temperature with a micro switch, when the door is opened, the oscillation system stops working.
* High-definition chemical floor glass mouth has right pole ten hole home now observe the experimental situation at a glance.
* With historical data, curves, alarm records can be queried, data can be stored and exported, Chinese and English switching functions.
* Mobile phone remote control, UV disinfection lamp, lighting lamp, tray plate custom collocation, purple makes the experiment more convenient.
* Uniform heating, high safety, precise temperature control.
* Large window, small size, hidden water collection box (for BJPX-ST80B).

Technical Parameters:

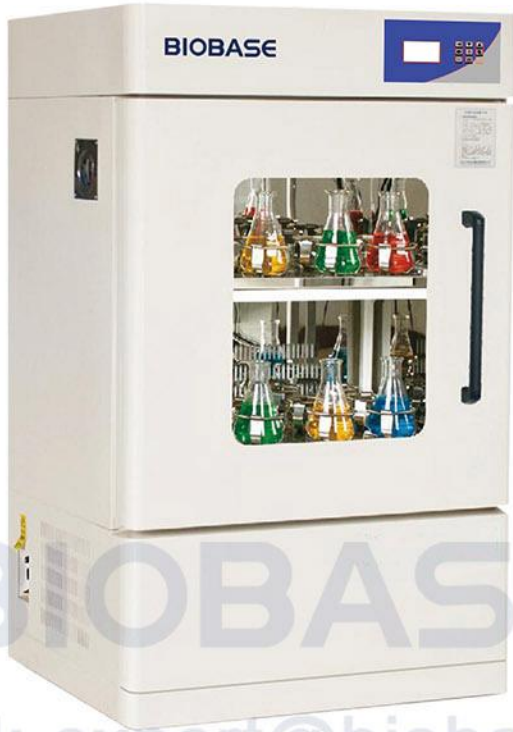| Model	BJPX-ST68B	BJPX-ST80B
Capacity	80L	
Temperature Control Range	RT+5~50℃	4~65℃(at 25℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±1℃(at 37℃, effective working surface)	
Temperature Fluctuation	≤0.5℃(at 37℃)	
Timing Range	1~999 h/min	
Control Mode	PID microcomputer control	
Display	7.0-inch touch screen	
Circulation Mode	Forced convection	
Oscillation Mode	Rotary shaking	
Control System	Standard mode; Custom mode(multi-section temperature, speed, time control)	Standard mode; Program control mode (multi-section temperature, speed, time control)
Cyclotron Frequency Range	50~250rpm	35~300rpm
Cyclotron Frequency Accuracy	±1rpm	
Swing Amplitude of The Plate	Φ26mm	
Refrigerant	/	R134a/150g
Max Capacity	100ml*23 or 250ml*15 or 500ml*9 or 1000ml*6 or 2000ml*4	
Defrost Function	/	Automatic defrosting
Auxiliary Function	Professionally designed side air vents to meet the sample's demand for oxygen, with temperature limit alarm system function, exceeding the limit temperature is automatically interrupted to prevent the temperature is too high to cause damage to the instrument, high-definition tempered glass door, convenient for customers to check the operating status of the box	Timing ultra-low speed start, Monitoring timer, Process parameter storage call, Set parameter viewing, History recording, Monitoring temperature and compensation of ambient temperature, Automatic temperature control function, Automatic dehumidification function
Material	Carbon steel spray	External material: Carbon steel spray; Internal material: Stainless steel
Power Supply	AC220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)	
Consumption	500W	650W
Shaking Plate	450*410mm, 1pc	
Standard Accessories	Flask clamp: 500ml*9, Shaking Plate*1, Safety door	Flask clamp: 500ml*3, 250ml*4, 100ml*5, 50ml*5, Shaking Plate*1,Safety door, Concealed water collecting box
Optional Accessories	Mobile phone remote control shaker program, Ultraviolet lamp disinfection, Lighting lamp, Universal spring clamp, Shaking Plate	
Internal Size (W*D*H)	500*450*350mm	
External Size (W*D*H)	750*570*550mm	720*700*580mm
Package Size (W*D*H)	867*702*771mm	852*832*771mm
Net Weight	60kg	104kg
Gross Weight	92kg	115kg

Small Capacity Thermostatic Shaking Incubator

Features:

∗ The first cutting-edge USB data recording system. The data of the whole experiment process was automatically recorded.

∗ U disk to record the whole process of experimental data (temperature, speed, time can be recorded).

∗ Download data automatically tabulated to save and print. Mouse click to easily replay the experiment process.
It is convenient to optimize reaction conditions, screen experimental methods, and confirm the experimental process.

∗ Super low speed start, the speed is out of control, automatic lock, adjustable starting speed. Unique dynamic balance
design to ensure smooth operation.

∗ Multi-section speed, temperature, time control system. A variety of different speed, temperature and time experimental
modes can be set at one time, and the operation mode can be automatically changed during operation.

∗ Silent fan design, forced convection mode and unique air duct design ensure good temperature uniformity.

∗ Automatic refrigeration mode, using environmentally friendly refrigerant, can automatically adjust the opening and
closing of the refrigeration system according to the change of environmental temperature, without manual operation.
(for BJPX-200N)

∗ Intelligent refrigeration frost-free operation technology, automatic defrosting function, defrosting time and defrosting
interval can be set freely, so that the equipment can run stably for a long time under low temperature. And has the
refrigeration delay start function, effectively protect the compressor. (for BJPX-200N)

∗ Users can freely set three operation modes: forward, reverse and forward and reverse.

∗ LCD liquid display, temperature, time, speed with the interface display.

Technical Parameters:

Model	BJPX-100N	BJPX-200N
Capacity	70L	
Temperature Control Range	Ambient temperature+5~65℃	4~65℃ (at 20℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±0.5℃(at 37℃, effective working surface)	
Temperature Fluctuation	≤0.1℃(at 37℃)	
Timing Range	0~9999 h/min (can be untimed, continuous operation)	
Control Mode	PID microcomputer control	
Display	LCD display	
Circulation Mode	Forced convection	
Oscillation Mode	Rotary shaking	
USB Data Download Processing System	YES	
Control System	Standard mode; Static mode; Persistent mode; Program control mode (multi-section temperature, speed, time control)	
Cyclotron Frequency Range	0, 20~450rpm (can do static culture, cross or alternate operation)	
Cyclotron Frequency Accuracy	±1rpm	
Swing Amplitude of The Plate	Φ26mm	
Refrigerant	/	R134a/130g
Max Capacity	Clamp flask:100ml*23 or 250ml*15 or 500ml*9 or 1000ml*6 or 2000ml*4 Haftplatte: 100ml*30 or 250ml *20 or 500ml*9 or 1L*8 or 2L*4	
Defrost Function	/	Automatic defrosting
Auxiliary Function	Ultra-low speed start, Adjustable start speed, Over-speed automatic protection, Monitoring timer, Parameter memory, Call recovery, Refrigeration unit overload protection and call delay start (for BJPX-200N), Upper and lower limit over-temperature sound and light alarm, Automatic stop upon opening door, Set parameters to check, Monitor temperature and ambient temperature correction.	
Material	External material: ABS; Internal material: Stainless steel	
Power Supply	AC220V, 50Hz (Standard); AC220V,60Hz(Optional); 110V, 50/60Hz (Optional) (External transformer)	
Consumption	550W	650W
Shelves	450*410mm, 1pc	
Standard Accessories	Clamp flask: 500ml*3, 250ml*3, 100ml*4, 50ml*4, Shelf*1	Clamp flask: 500ml*3, 250ml*4, 100ml*5, 50ml*5, Shelf*1
Optional Accessories	Lighting function, UV disinfection function, Printer,Haftplatte	
External Size (W*D*H)	750*710*520mm	
Package Size (W*D*H)	870*870*705mm	
Net Weight	90kg	
Gross Weight	120kg	

Vertical Type Shaking Incubator
(Single Door & Double Layer)

Features:

∗ The first cutting-edge USB data recording system. The data of the whole experiment process was automatically recorded.

∗ U disk to record the whole process of experimental data (temperature, speed, time can be recorded).

∗ Download data automatically tabulated to save and print. Mouse click to easily replay the experiment process.
  It is convenient to optimize reaction conditions, screen experimental methods, and confirm the experimental process.

∗ Multi-section speed, temperature, time control system. A variety of different speed, temperature and time experimental
  modes can be set at one time, and the operation mode can be automatically changed during operation.

∗ Super low speed start, the speed is out of control, automatic lock, adjustable starting speed. Unique dynamic balance
  design to ensure smooth operation.

∗ Silent fan design, forced convection mode and unique air duct design ensure good temperature uniformity.

∗ Automatic refrigeration mode, using environmentally friendly refrigerant, can automatically adjust the opening and
  closing of the refrigeration system according to the change of environmental temperature, without manual operation.
  (Refrigeration type)

∗ Intelligent refrigeration frost-free operation technology, automatic defrosting function, defrosting time and defrosting
  interval can be set freely, so that the equipment can run stably for a long time under low temperature. And has the
  refrigeration delay start function, effectively protect the compressor. (Refrigeration type)

∗ Users can freely set three operation modes: forward, reverse and forward and reverse.

∗ LCD liquid crystal display, temperature, time, speed with the interface display.

Technical Parameters:

Model	BJPX-1102D	BJPX-2102D
Capacity	175L	
Temperature Control Range	Ambient temperature+5~65℃	4~65℃ (at 20℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±0.5℃(at 37℃, effective working surface)	
Temperature Fluctuation	≤0.1℃(at 37℃)	
Timing Range	0~9999 h/min(can be untimed, continuous operation)	
Control Mode	PID microcomputer control	
Display	LCD display	
Circulation Mode	Forced convection	
Oscillation Mode	Rotary shaking	
USB Data Download Processing System	YES	
Control System	Standard mode; Static mode; Persistent mode; Program control mode (multi-section temperature, speed, time control)	
Cyclotron Frequency Range	0, 20~350rpm(can do static culture, cross or alternate operation)	
Cyclotron Frequency Accuracy	±1rpm	
Swing Amplitude of The Plate	Φ26mm(Can be customized Φ35 (20-250rpm), Φ50 (20-200rpm)	
Refrigerant	/	R134a/210g
Max Capacity	Clamp flask: 100ml*60 or 250ml*38 or 500ml*22 or 1000ml*16 Haftplatte: 100ml*60 or 250ml *36 or 500ml*24 or 1L*16	
Defrost Function	/	Automatic defrosting
Auxiliary Function	Ultra-low speed start, Adjustable start speed, Over-speed automatic protection, Monitoring timer, Parameter memory, Call recovery, Refrigeration unit overload protection and call delay start (for BJPX-2102D), Upper and lower limit over-temperature sound and light alarm, Automatic stop upon opening door, Set parameters to check, Monitor temperature and ambient temperature correction.	
Material	External material: ABS; Internal material: Stainless steel	
Power Supply	AC220V, 50Hz (Standard); AC220V, 60Hz(Optional); 110V, 50/60Hz (Optional) (External transformer)	
Consumption	600W	850W
Shelves	500*360mm, 2pcs	
Standard Accessories	Clamp flask: 250ml*24, Shelf*1	
Optional Accessories	Lighting function, UV disinfection function, Printer, Haftplatte	
External Size (W*D*H)	700*580*1280mm	
Package Size (W*D*H)	825*720*1490mm	
Net Weight	180kg	
Gross Weight	220kg	

Large Capacity Vertical Type Shaking Incubator
(Double Door & Double Layer)

Technical Parameters:

Model	BJPX-1102X	BJPX-2102X
Capacity	335L	
Temperature Control Range	Ambient temperature+5~65℃	4~65℃ (at 20℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±0.5℃(at 37℃, effective working surface)	
Temperature Fluctuation	≤0.1℃(at 37℃)	
Timing Range	0~9999 h/min (can be untimed, continuous operation)	
Control Mode	PID microcomputer control	
Display	LCD display	
Circulation Mode	Forced convection	
Oscillation Mode	Rotary shaking	
USB Data Download Processing System	YES	
Control System	Standard mode; Static mode; Persistent mode; Program control mode (multi-section temperature, speed, time control)	
Cyclotron Frequency Range	0, 20~350rpm (can do static culture, cross or alternate operation)	
Cyclotron Frequency Accuracy	±1rpm	
Swing Amplitude of The Plate	Φ26mm(Can be customized Φ35 (20-250rpm), Φ50 (20-200rpm)	
Refrigerant	/	R134a/210g
Standard Capacity	250ml*28, 500ml*22	
Max Capacity	Clamp flask: 100ml*100 or 250ml*56 or 500ml*44 or 1000ml*30 Haftplatte: 100ml*120 or 250ml *70 or 500ml*44 or 1L*24	
Defrost Function	/	Automatic defrosting
Auxiliary Function	Ultra-low speed start, Adjustable start speed, Over-speed automatic protection, Monitoring timer, Parameter memory, Call recovery, Refrigeration unit overload protection and call delay start (for BJPX-2102D), Upper and lower limit over-temperature sound and light alarm, Automatic stop upon opening door, Set parameters to check, Monitor temperature and ambient temperature correction.	
Material	External material: ABS; Internal material: Stainless steel	
Power Supply	AC220V, 50Hz (Standard); AC220V,60Hz(Optional); 110V, 50/60Hz (Optional) (External transformer)	
Consumption	900W	1150W
Shelves	710*455mm, 2pcs	
Standard Accessories	Clamp flask: 250ml*28, 500ml*22, Shelf*1	
Optional Accessories	Lighting function, UV disinfection function, Printer, Haftplatte	
External Size (W*D*H)	950*700*1280mm	
Package Size (W*D*H)	1050*820*1490mm	
Net Weight	240kg	
Gross Weight	280kg	

Features:

＊ The first cutting-edge USB data recording system. The data of the whole experiment process was automatically recorded.

＊ U disk to record the whole process of experimental data (temperature, speed, time can be recorded).

＊ Download data automatically tabulated to save and print. Mouse click to easily replay the experiment process. It is convenient to optimize reaction conditions, screen experimental methods, and confirm the experimental process.

＊ Multi-section speed, temperature, time control system. A variety of different speed, temperature and time experimental modes can be set at one time, and the operation mode can be automatically changed during operation.

＊ Super low speed start, the speed is out of control, automatic lock, adjustable starting speed. Unique dynamic balance design to ensure smooth operation.

＊ Silent fan design, forced convection mode and unique air duct design ensure good temperature uniformity.

＊ Automatic refrigeration mode, using environmentally friendly refrigerant, can automatically adjust the opening and closing of the refrigeration system according to the change of environmental temperature, without manual operation. (Refrigeration type)

＊ Intelligent refrigeration frost-free operation technology, automatic defrosting function, defrosting time and defrosting interval can be set freely, so that the equipment can run stably for a long time under low temperature. And has the refrigeration delay start function, effectively protect the compressor. (Refrigeration type)

＊ Users can freely set three operation modes: forward, reverse and forward and reverse.

＊ LCD liquid crystal display, temperature, time, speed with the interface display.

Stacked Large Capacity Shaking Incubator

Introduction:

The Stacked Large Capacity Shaking Incubator is a high-performance device designed for large-scale cell culture, microbial fermentation, and other temperature-sensitive shaking applications. With its stacked design, this incubator maximizes space efficiency in laboratories while offering increased capacity for simultaneous experiments.
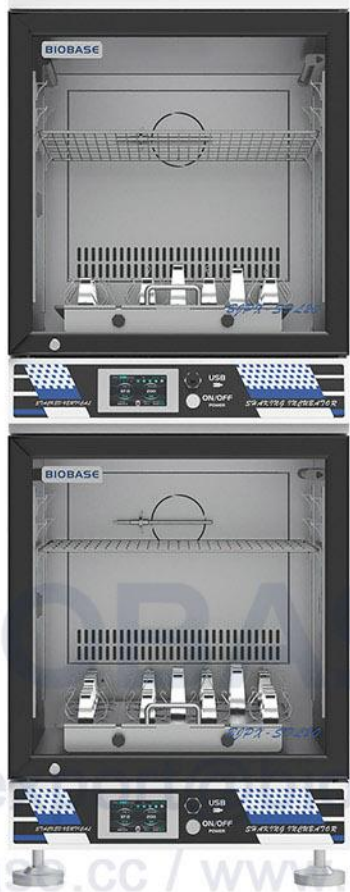
Features:

＊ Brushless DC motor, low noise, lasting operation.

＊ 5"touch screen, clear and intuitive interface.

＊ Run parameter encryption lock, parameter memory function.

＊ With power failure recovery function.

＊ Motor overheat, temperature control, abnormal over temperature instrument automatically cut off their power supply.

＊ With USB data export function to achieve data traceability.

＊ With ultraviolet disinfection function.

＊ Standard equipped with LED light, open the door of the box light automatically open.

Technical Parameters:

Model	BJPX-SDT10	BJPX-SDT20
Capacity (L)	80	
Temp. sensor	PT100	
Temp. Range	RT+5~60℃	4~60℃
Temp. Fluctuation	≤±0.5℃	
Temp. Uniformity	≤±1℃(37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999min	
Controller	PID	
Display	5-inch touch screen	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Single axis balanced drive type	
Vibration Range	Φ26mm	
Rotating Speed	30~300r/min	
Rotating Accuracy	±1r/min	
Shaking Plate Size	420*400mm	
Shaking Plate Quantity	1pc	
Max. Capacity	250ml*16 or 500ml*9 or 1000ml*9 or 2000ml*5(Flask clamp) Tube rack*2 96-well plate*8 Clamping rod shaking plate*1	
Standard. Capacity	500ml*9	
Lighting Mode	LED lamp*1	
Sterilization Mode	UV lamp*1	
Refrigerant	/	R290
Ambient Temp.	15~35℃	
Internal Material	304 stainless steel	
External Material	Cold rolled steel sheet	
Safety Function	High/low temperature, abnormal shutdown, motor failure, equipment door is not closed properly automatic alarm, alarm mode is sound and light alarm	
Consumption	1000W	1600W
Power Supply	Standard: AC200~240V, 50/60Hz Optional: AC110V, 50/60Hz	
Internal Size	495*455*370mm(per unit)	
External Size	580*830*600mm(per unit)	
Package Size	705*975*865mm(per unit)	
Net Weight	138kg(per unit)	158kg(per unit)
Gross Weight	168kg(per unit)	188kg(per unit)

Stacked Large Capacity Shaking Incubator

Introduction:

The Stacked Large Capacity Shaking Incubator is a high-performance device designed for large-scale cell culture, microbial fermentation, and other temperature-sensitive shaking applications. With its stacked design, this incubator maximizes space efficiency in laboratories while offering increased capacity for simultaneous experiments.

Features:

∗ Brushless DC motor, low noise, lasting operation.

∗ 5 inch touch screen, clear and intuitive interface.

∗ Run parameter encryption lock, parameter memory function.

∗ With power failure recovery function.

∗ Motor overheat, temperature control, abnormal over temperature instrument automatically cut off their power supply.

∗ With USB data export function to achieve data traceability.

∗ With ultraviolet disinfection function.

∗ Standard equipped with LED light, open the door of the box light automatically open.

Technical Parameters:

Model	BJPX-SDL10	BJPX-SDL20
Capacity (L)	155	
Temp. sensor	PT100	
Temp. Range	RT+5~60℃	4~60℃
Temp. Fluctuation	≤±0.5℃	
Temp. Uniformity	≤±1℃(37℃)	
Temp. Precision	0.1℃	
Timing Range	0~999min	
Controller	PID	
Display	5-inch touch screen	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Single axis balanced drive type	
Vibration Range	Φ26mm	
Rotating Speed	30~300r/min	
Rotating Accuracy	±1r/min	
Shaking Plate Size	460*450mm	
Max. Capacity	Single layer shaker plate	250ml*20 or 500ml*14 or 1000ml*9 or 2000ml*6 or 5000ml*4(Flask clamp) Tube rack*2 96-well plate*12 Clamping rod shaking plate*1
	Double layer shaker plate	Upper layer: 50ml*60 or 100ml*60 or 250ml*40 or 500ml*30(Flask clamp) Lower layer: Universal spring clamp
Standard. Capacity	500ml*14(single layer)	
Lighting Mode	LED lamp*1	
Sterilization Mode	UV lamp*1	
Refrigerant	/	R290
Ambient Temp.	15~35℃	
Internal Material	304 stainless steel	
External Material	Cold rolled steel sheet	
Safety Function	High/low temperature, abnormal shutdown, motor failure, equipment door is not closed properly automatic alarm, alarm mode is sound and light alarm	
Consumption	1200W	1800W
Power Supply	Standard: AC200~240V, 50/60Hz Optional: AC110V, 50/60Hz	
Internal Size	560*500*555mm(per unit)	
External Size	650*840*810mm(per unit)	
Package Size	775*1005*1070mm(per unit)	
Net Weight	195kg(per unit)	215kg(per unit)
Gross Weight	225kg(per unit)	245kg(per unit)

Stacked Large Capacity Shaking Incubator

Technical Parameters:

Model	BJPX-2012N	BJPX-2012RN
Capacity (L)	180	
Temp. sensor	PT100	
Temp. Range	RT+5~60℃	4~65℃(at 25℃)
Temp. Fluctuation	≤0.1℃(37℃)	
Temp. Uniformity	±0.6℃(at 37℃)	
Temp. Precision	±0.1℃	
Timing Range	0~999.9h/min	
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Multidimensional drive	
Vibration Range	Φ26mm(Can customize φ35(20~250rpm/min); φ50(20~200rpm/min))	
Rotating Speed	20~350rpm(Top layer 20~300rpm, static culture, reverse rotation or alternate operation)	
Rotating Accuracy	±1rpm	
Shaking Plate Size	610*460 mm	
Shaking Plate Quantity	1pc	
Max. Capacity	250ml*32 or 500ml*20 or 1000ml*13 or 2000ml*7(Flask clamp)	
	250ml*32 or 500ml*20 or 1000ml*12 or 2000ml*8 (haftplatte)	
Standard Capacity	500ml*20	
Internal Material	Stainless steel	
External Material	Sprayed steel plate	
Refrigerant	/	R134a
Heating Consumption	800~900W	
Safety Function	Audio and visual alarm for over-temperature	
	Alarm for over-speeds	
	Independent over-temperature protector	
	Shutdown protection for door opening	
	Leakage or over-current protection	
	Ultraviolet disinfection function	
	Calibration of monitoring temperature and ambient temperature	
	Overload protection of refrigeration unit and delayed start of incoming call(only BJPX-2012RN)	
Consumption	1000W	1200W
Power Supply	Standard: 220V±10%, 50/60Hz	Standard: 220V±10%, 50Hz
	Optional: 110V±10%, 60Hz	Optional: 110V±10%, 50Hz
Internal Size(W*D*H(mm)	715*580*450(per unit)	
External Size(W*D*H(mm)	1120*790*620(per unit)	
Package Size(W*D*H(mm)	1275*950*810(per unit)	
Gross Weight(kg)	220(per unit)	

Introduction:

It is widely used in bacterial cuture, fermentation, hybridization, biochemical reaction, enzyme and celltissue research. It has extensive and major applications in research and application fields such as biology, molecular science, food, and environment.

Features:

∗ High quality servo motor.

∗ Multi-steps rotate speed, temperature and time control systems.

∗ Slow accelerate and decelerate design.

∗ Advantaged air duct design.

∗ Automatic defrosting function.

∗ High-precision speed control.

∗ High-precision temperature control.

∗ Unique drive system.

∗ Open door protection.

∗ LCD display with bright illumination.

∗ Memorized and protected operating parameters.

∗ Continuously running or timing.

∗ Unique slow-start design.

∗ Standard of illumination and UV light.

Stacked Large Capacity Shaking Incubator

BJPX-SDW10/20　　　　　　　BJPX-SDW10/20-L

Features:

* Multiple methods to monitor equipment temperature, complete recording of information and traceability of quality control data.

* High quality brushless DC motor, low vibration, low noise, high efficiency, maintenance free, energy saving, lasting operation.

* 5 inch touch screen /LCD screen, clear and intuitive interface, easy to operate.

* With UV disinfection function, the cavity to maintain a clean and sterile environment.

* LED lighting function, open the door and turn on the light automatically.

* With power failure recovery function, the equipment can automatically resume operation according to the original program.

* Electric heating toughened glass perspective window, easy to observe, good temperature insulation effect, anti condensation.

Tube Rack　　　Clamping Rod Shaking Plate　　　96-well Plate Holder　　　Flask Clamp

Optional Accessory:

Model		Specification	Model	Tube rack	Specification
Flask Clamp	BS-A10	50ml	Tube Rack	BS-A20	54-well, for 10ml centrifuge tube
	BS-A11	100ml		BS-A21	54-well, for 15ml centrifuge tube
	BS-A12	150ml		BS-A22	28-well, for 50ml centrifuge tube
	BS-A13	200ml		BS-A23	24-well, for 100ml centrifuge tube
	BS-A14	250ml		BS-A24	54-well, for 15*150mm tube
	BS-A15	500ml		BS-A25	54-well, for 18*180mm tube
	BS-A16	1000ml		BS-A26	54-well, for 20*200mm tube
	BS-A17	2000ml		BS-A27	32-well, for 25*200mm tube
	BS-A18	3000ml		BS-A28	28-well, for 30*200mm tube
96-well Plate Holder	BS-A30	130*87*52mm		BS-A50	54-well, for 7ml sampling tube
				BS-A51	54-well, for 10ml sampling tube
Clamping Rod Shaking Plate	BS-A40	320*300*70mm (for 50~2000ml conical flask)		BS-A52	54-well, for 20ml sampling tube
				BS-A53	54-well, for 30ml sampling tube

47

Technical Parameters:

Model	BJPX-SDW10	BJPX-SDW20	BJPX-SDW10-L	BJPX-SDW20-L
Capacity (L)	190			
Temp. sensor	PT100			
Temp. Range	RT+5~60℃	4~60℃	RT+5~60℃	4~60℃
Temp. Fluctuation	≤±0.5℃			
Temp. Uniformity	≤±1℃(37℃)			
Temp. Precision	0.1℃			
Timing Range	0~999min			
Controller	PID			
Display	5-inch touch screen		3-inch LCD screen	
Circulation Mode	Forced convection			
Shaking Mode	Rotary shaking			
Drive Mode	Single axis balanced drive type			
Vibration Range	Φ26mm			
Rotating Speed	30~300r/min			
Rotating Accuracy	±1r/min			
Shaking Plate Size	720*490mm			
Shaking Plate Quantity	1pc			
Max. Capacity	250ml*34 or 500ml*24 or 1000ml*15 or 2000ml*8 or 3000ml*6(Flask clamp) tube rack*4 96-well plate*21 clamping rod shaking plate*2(For 3000ml, 1. Install a wide-mouth flask, height ≤310mm; 2. When the universal spring clamp is selected, it can not be placed)			
Standard. Capacity	500ml*24			
Lighting Mode	LED lamp*1			
Sterilization Mode	UV lamp*2			
Refrigerant	/	R290	/	R290
Ambient Temp.	15~35℃			
Internal Material	304 stainless steel			
External Material	Cold rolled steel sheet			
Data Storage	USB data storage and output function			
	Standard		Optional	
Printer	built-in micro printer(Optional) (Need to be matched with USB data storage and output function)			
Safety Function	Upper and lower limit over-temperature audible and visual alarm Upper and lower limit over-speed alarm Sensor fault identification Independent over-temperature protector Independent leakage or over-current protection Refrigerator over-load protection			
Consumption	1500W	2200W	1500W	2200W
Power Supply	Standard: AC200~240V, 50/60Hz Optional: AC110V, 50/60Hz			
Internal Size	870*590*398mm(per unit)			
External Size	1150*780*640mm(per unit)			
Package Size	1345*970*910mm(per unit)			
Net Weight	270kg(per unit)	300kg(per unit)	270kg(per unit)	300kg(per unit)
Gross Weight	295kg(per unit)	325kg(per unit)	295kg(per unit)	325kg(per unit)

48

Medicine Stability Test Chamber

Features:

﹡ The shell is sprayed steel plate, the inner chamber is made of 304 stainless steel, full arc design, convenient for cleaning and maintenance.

﹡ With three-level password authority management function, can be graded operation.

﹡ Remote monitoring via mobile phones and computers.

﹡ With temperature alarm, humidity alarm, illumination and ultraviolet alarm, water shortage alarm, open door alarm, overload protection, compressor overload protection.

﹡ Comply with the national pharmacopoeia, GMP, FDA, ICH and other relevant standards in the long-term test, intermediate test, accelerated test, with stable and reliable performance to meet the requirements of a number of pharmaceutical tests for temperature, humidity and light and other environmental conditions.

Introduction:

Medicine stability test chambers are scientifically designed to create an environment of stable temperature, humidity and light levels over a long period of time for failure assessment of pharmaceuticals. It is suitable for accelerated test, long-term test, high humidity test and strong light irradiation test of pharmaceutical companies for pharmaceutical products and new drugs.

Adjustable shelf

Fluorescent lamp

High water-proof grade illumination sensor

Build-in printer

Technical Parameters:

Model	BJPX-MT250
Sterilization Type	UV sterilization
Capacity	250L
Temp. Range	5~60℃ with light source; 0~60℃ without light source
Temp. Fluctuation	±0.5℃
Temp. Precision	0.1℃
Humidity Range	40~90%RH
Humidity Fluctuation	±5%RH
Illumination	Cool white fluorescent lamp, 0~6000Lux adjustable
Illumination Fluctuation	±500Lux
UV Irradiance	0~100μW/cm²
UV Spectral Range	320~400nm
Refrigeration System	Dual refrigeration cycle system
Timing Range	0~9999h/min
Display	7-inch touch screen
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)
Consumption	2200W
Shelves	2pcs, adjustable
Standard Accessories	Shelves, fluorescent lamp, pin printer, USB port, PC port, φ30mm test hole, external water tank
Internal Size(W*D*H)	465*650*830mm
External Size(W*D*H)	800*850*1560mm
Package Size(W*D*H)	930*980*1750mm
Net Weight	200kg
Gross Weight	250kg

Medicine Stability Test Chamber

Features:

∗ The shell is sprayed steel plate, the inner chamber is made of 304 stainless steel, full arc design, convenient for cleaning and maintenance.

∗ Using SECOP refrigeration compressor, high efficiency, low consumption; non-fluorine environmentally friendly refrigerant.

∗ Microcomputer intelligent PID temperature and humidity controller, accurate temperature control, with parameter memory function, automatically resume operation after restoring electricity.

∗ Automatically disconnects power to the humidifier heater when no humidification water is available.

∗ Over-temperature alarm, under-temperature alarm, temperature probe damage alarm, humidity probe damage alarm.

∗ Temperature and humidity real-time curve display and 600-day historical data query function; 600-day historical data USB export function; ethernet-based remote monitoring function.

Technical Parameters:

Model	BJPX-MS120A	BJPX-MS288A	BJPX-MS500A
Sterilization Type (Optional)	UV sterilization		
Capacity	173L	288L	504L
Temp. Range	-20~65℃		
Temp. Fluctuation	±0.5℃		
Temp. Precision	0.1℃		
Humidity Range	40~95%RH		
Humidity Fluctuation	3%RH		
Illumination	Single-side illumination 4500Lux, 4-level adjustable		
Refrigeration System	R404a refrigerant, CFC-free		
Timing Range	The timer can be set for a maximum of 99 hours for a single step, with a total of 100 steps available		
Display	7-inch touch screen		
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)		
Consumption	2100W	2600W	3500W
Shelves	3pcs, adjustable		
Standard Accessories	Shelves, LED lamp, φ35mm test hole, built-in water tank, automatic water replenishment interface, USB port, PC port		
Optional Accessories	Miniature thermal printer or miniature pin printer, external temperature protection device, external temperature and humidity SMS alarm module		
Internal Size(W*D*H)	500*450*700mm	600*600*800mm	800*710*910mm
External Size(W*D*H)	830*660*1590mm	980*760*1610mm	1090*960*1820mm
Package Size(W*D*H)	920*750*1740mm	1080*860*1860mm	1190*1070*1970mm
Net Weight	158kg	195kg	253kg
Gross Weight	187kg	230kg	298kg

Medicine Stability Test Chamber (Economical Type)

Features:

∗ The shell is sprayed steel plate, the inner chamber is made of 304 stainless steel, full arc design, convenient for cleaning and maintenance.

∗ Using SECOP refrigeration compressor, high efficiency, low consumption; non-fluorine environmentally friendly refrigerant.

∗ Microcomputer intelligent PID temperature and humidity controller, accurate temperature control, with parameter memory function, automatically resume operation after restoring electricity.

∗ Automatically disconnects power to the humidifier heater when no humidification water is available.

∗ Over-temperature alarm, under-temperature alarm, temperature probe damage alarm, humidity probe damage alarm.

Technical Parameters:

Model	BJPX-MS250	BJPX-MS300	BJPX-MS400
Sterilization Type (Optional)	UV sterilization		
Capacity	248L	290L	402L
Temp. Range	0~65℃		
Temp. Fluctuation	±0.5℃		
Temp. Precision	0.1℃		
Humidity Range	40~95%RH		
Humidity Fluctuation	3%RH		
Illumination	Single-side illumination 6000Lux, 5-level adjustable		
Refrigeration System	R134a refrigerant, CFC-free		
Timing Range	The timer can be set for a maximum of 99 hours for a single step, with a total of 100 steps available		
Display	LCD screen		
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)		
Consumption	2400W	2900W	3400W
Shelves	3pcs, adjustable		
Standard Accessories	Shelves, LED lamp, built-in water tank, automatic water replenishment interface, miniature thermal printer		
Optional Accessories	Miniature pin printer, USB port		
Internal Size(W*D*H)	600*600*800mm	490*460*1270mm	560*600*1190mm
External Size(W*D*H)	980*760*1530mm	690*900*1920mm	760*1030*1860mm
Package Size(W*D*H)	1080*860*1780mm	740*970*2090mm	850*1100*2010mm
Net Weight	192kg	165kg	195kg
Gross Weight	226kg	195kg	230kg

Oven

Vacuum Drying Oven

BOV-30V/BOV-50V

BOV-90V/BOV-215V

BOV-90VL/BOV-215VL

Features:

＊ Outer material : cold rolled steel plate with spraying surface; inner material : SUS stainless steel plate.

＊ PID microprocessor temperature control with LED display.

＊ Integral molded silicone rubber door seal ring for good air tightness.

＊ Toughened bulletproof double glazed doors.

＊ With parameter memory function, automatically resume operation when power restoration.

＊ The heater is located in the chamber on the shelf, and separate temperature control, with a short heating time, the same level of temperature uniformity is good. (Except BOV-30L/50L)

Technical Parameters:

Model	BOV-30V	BOV-50V	BOV-90V	BOV-215V	BOV-90VL	BOV-215VL
Capacity	23L	53L	91L	213L	91L	213L
Temp. Range	RT+10~200°C	RT+10~250°C	RT+10~200°C			
Temp. Fluctuation	±1°C					
Vacuum Degree	<133Pa					
Vacuum Display	Pointer-type vacuum pressure gauge		Pointer-type differential pressure vacuum gauge with rotatable vacuum value		LED digital display, push button input of the vacuum value	
Vacuum Control	Manual control		Automatic differential pressure control		Pressure sensor+deviation control	
Timing Range	0~9999min					
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)					
Consumption	500W	1400W	1600W	2200W	1600W	2200W
Shelf	Aluminum shelf*1	Aluminum shelf*2	Fixed electric heating aluminum plate*2	Fixed electric heating aluminum plate*3	Fixed electric heating aluminum plate*2	Fixed electric heating aluminum plate*3
Standard Accessory	Shelves		Shelves, vacuum pump, vacuum tube			
Optional Accessories	Vacuum pump: 2FY-2C-N (AC 220V, 50Hz) or 2XZ-2 (AC 220V, 50Hz; 220V, 60Hz; 110V, 60Hz), vacuum tube		Standard controller to LCD or programmable LCD upgrade			
Internal Size(W*D*H)	296*300*270mm	416*370*346mm	450*450*450mm	556*600*640mm	450*450*450mm	556*600*640mm
External Size(W*D*H)	590*492*468mm	710*562*544mm	611*641*1398mm	721*794*1638mm	611*641*1398mm	721*794*1638mm
Package Size(W*D*H)	670*610*600mm 2FY-2C-N: 470*295*210mm 2XZ-2: 580*215*367mm	790*660*670mm	710*710*1550mm	940*810*1800mm	710*710*1550mm	940*810*1800mm
Net Weight	55kg	67kg	145kg	208kg	143kg	207kg
Gross Weight	65kg 2FY-2C-N: 16.5kg 2XZ-2: 23kg	79kg	171kg	245kg	168kg	244kg

Introduction:

Vacuum drying oven is a kind of laboratory equipment for drying and heating treatment under vacuum environment, specially designed for drying heat-sensitive, easy to decompose and easy to oxidize substances, when working, it can keep a certain degree of vacuum in the working chamber, especially some items with complex composition can also be dried quickly.
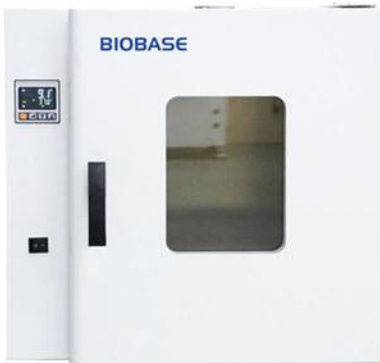
Constant-Temperature Drying Oven

Application:

It is suitable for drying samples of powders, insects and other tiny objects to avoid the samples flying up due to wind. This product is used for drying and melting wax of non-flammable and non-explosive items and non-volatile items in industrial and mining enterprises, colleges and universities, biopharmaceuticals, scientific research units, food processing, medical units and various laboratories.

Features:

∗ LCD temperature display, with built-in temperature deviation calibration function.

∗ Over-temperature alarm and automatic fault detection alarm function, equipped with leakage current and overvoltage protector.

∗ Accurately control the heating time, timing error ≤1%.

∗ Bottom heating, natural convection.

∗ Cold-rolled steel plate surface sprayed with plastic, stainless steel plate liner material, arc structure design, easy to clean.

∗ The box door has a double-layer high-temperature resistant glass observation window.

∗ It has parameter memory function and automatically recovers when power is on.

Technical Parameters:

Model	BJPX-HDO43	BJPX-HDO55	BJPX-HDO72	BJPX-HDO138	BJPX-HDO270
Capacity	43L	55L	72L	138L	270L
Temp. Range	RT+10℃~250℃				
Temp. Resolution	0.1℃				
Temp. Fluctuation	±1℃				
Temp. Uniformity	≤Max temp.±3%				
Display	LCD display				
Heating Method	Bottom heating, natural convection				
Timing Range	0~9999min/h				
Standard Accessories	Shelf				
Optional Accessories	Shelf, USB port, printer				
Shelves	2pcs	2pcs	2pcs	3pcs	3pcs
Inner Size(W*D*H)mm	368*350*335	370*370*430	390*400*450	500*500*550	660*590*700
External Size(W*D*H)mm	597*510*530	596*575*618	614*548*609	724*663*709	900*850*880
Net Weight	35	38	45	60	86.5
Power Supply	100-245V, 50/60Hz				Standard: 220V, 50/60Hz Optional: 110V, 50/60Hz (External Transformer)
Power	1500W				3000W
Packing Size(W*D*H)mm	690*710*660	720*710*730	830*700*800	870*795*850	1010*946*1050
Gross Weight(kg)	45	51	55	77	100

Application:

It is suitable for drying samples of powders, insects and other tiny objects to avoid the samples flying up due to wind. This product is used for drying and melting wax of non-flammable and non-explosive items and non-volatile items in industrial and mining enterprises, colleges and universities, biopharmaceuticals, scientific research units, food processing, medical units and various laboratories.

Features:

∗ The top air outlet switch is convenient.

∗ With door observation window.

∗ LED digital tube display P.I.D temperature controller, precise temperature control.

∗ Continuous operation or timed operation.

∗ With parameter memory function, automatic recovery operation when the call comes.

∗ The inner box adopts arc structure design, which is easy to clean.

∗ Pull-out movable shelves with adjustable spacing.

Technical Parameters:

Model	BOV-T30C	BOV-T70C	BOV-T140C	BOV-T270C
Capacity	42L	70L	137L	270L
Temp. Range	50~200℃			
Temp. Fluctuation	±1℃			
Temp. Uniformity	≤Max temp.±3.5%			
Timing Range	0~9999min			
Shelves	2pcs		3pcs	
Heating Method	Natural convection			
Standard Accessories	Shelf			
Optional Accessories	Shelf. Independent external temperature protection device. LCD screen temperature controller. LCD screen temperature controller + RS485 communication serial port. LCD screen temperature controller + micro dot matrix printer. RS485 to USB adapter.			
Power	850W	1000W	2000W	3000W
Power Supply	Standard: 220V, 50/60Hz, optional: 110V, 50/60Hz (External Transformer)			
Internal Size(W*D*H)mm	350*350*350	400*390*450	500*500*550	600*600*750
External Size(W*D*H)mm	635*615*552	680*653*631	830*665*772	930*765*972
Net Weight(kg)	45	54	73	106
Package Size(W*D*H)mm	770*630*690	830*680*780	920*750*900	1020*850*1110
Gross Weight(kg)	53	64	86	125

Forced Air Drying Oven

Technical Parameters:

Model	BJPX-HGZ23	BJPX-HGZ30L	BJPX-HGZ45	BJPX-HGZ54	BJPX-HGZ75	BJPX-HGZ88
Capacity	23L	30L	45L	54L	75L	88L
Temp. Range	RT+10℃~300℃					
Temp. Resolution	0.1℃					
Temp. Fluctuation	±1℃					
Temp. Uniformity	≤Max Temp.±2.5%					
Circulation Mode	Forced convection					
Timing Range	0~9999min/h					
Shelves	2pcs					3pcs
Display	LCD					
Standard Accessories	Shelf					
Optional Accessories	Shelf, USB port, printer, RS485	Shelf, caster	Shelf, USB port, printer, RS485			
Power Supply	100~245V, 50/60Hz	Standard:220V 50/60Hz; optional: 110V,50/60Hz	100~245V, 50/60Hz			
Consumption	645W	1000W	1545W			
Internal Size(mm)	290*270*300	310*310*310	370*358*340	370*340*440	463*352*463	500*360*490
External Size(mm)	500*410*540	440*495*670	600*630*520	600*620*630	690*615*630	730*640*660
Net Weight(kg)	35	38	40	43.5	47	50.5
Packing Size(mm)	650*660*580	520*810*550	720*710*730	720*710*730	830*700*800	830*700*800
Gross Weight(kg)	50	50	55	55	60	63

BJPX-HGZ23/45/54/75/88/138/160/225/270   BJPX-HGZ30L

Model	BJPX-HGZ138	BJPX-HGZ160	BJPX-HGZ225	BJPX-HGZ270
Capacity	138L	160L	225L	270L
Temp. Range	RT+10℃~300℃			
Temp. Resolution	0.1℃			
Temp. Fluctuation	±1℃			
Temp. Uniformity	≤Max Temp.±2.5%			
Circulation Mode	Forced convection			
Timing Range	0~9999min/h			
Shelves	3pcs	3pcs	3pcs	3pcs
Display	LCD			
Standard Accessories	Shelf			
Optional Accessories	Shelf, USB port, printer, RS485			
Power Supply	100~245V, 50/60Hz	Standard: 220V, 50/60Hz		
		Optional: 110V, 50/60Hz (External Transformer)		
Consumption	1545W	2000W	3000W	
Internal Size(W*D*H)mm	555*453*555	558*500*578	600*520*728	660*590*700
External Size(W*D*H)mm	780*705*720	785*764*777	826*780*900	900*890*880
Net Weight(kg)	60	68.5	77	86.5
Packing Size(W*D*H)mm	870*795*850	830*895*990	946*850*1050	1010*946*1050
Gross Weight(kg)	77	82	92	100

Applications:

This product is used for drying, disinfecting, melting wax and sterilizing non-flammable and non-explosive items and non-volatile items in industrial and mining colleges and universities, biopharmaceuticals, enterprises, scientific research, food processing, medical institutions and various laboratories. For example, drying of experimental samples, food, glassware, thermal hardening, thermal denaturation, thermal softening and water removal of chemical substances; dry heat sterilization of instruments and utensils in bioengineering; aging and drying of electronic components, etc.

Features:

∗ LCD display screen, with built-in temperature deviation calibration function.

∗ The inner tank is made of high-quality stainless steel, with semi-circular four-corner design.

∗ It has an over-temperature alarm system function to prevent damage to the instrument due to excessive temperature.

∗ The unique thermal circulation circuit has a fan to form forced convection, so that the average temperature in the working room is better.

∗ The perspective window structure design is convenient for observing the internal situation of the equipment.

∗ Good thermal insulation performance and low surface temperature of the equipment.

High Temperature Drying Oven

BOV-H50/100　　　　　　　　　BOV-H226

Features:
＊ Outer material: cold-rolled steel plate sprayed on the surface; inner material: SUS stainless steel plate.
＊ PID microprocessor temperature control, precise and reliable temperature control.
＊ The inner box is designed with a circular arc structure, which is easy to clean.
＊ Optional printer or RS485 interface for software connection (For BOV-H50/100)

Technical Parameters:

Model	BOV-H50	BOV-H100	BOV-H226
Capacity	50L	100L	226L
Temp. Range	RT+20~400℃		50~500℃
Temp. Precision	0.1℃		
Temp. Fluctuation	±0.5℃		±1℃
Temp. Fluctuation	±3.0%		±3.5%
Timing Range	0~5999min		0~9999min
Display	LCD		LED
Alarm	Overtemperature alarm, temperature probe damage alarm		
Material	External cold-rolled steel with painting; internal stainless steel		
Ambient Temp.	5~40℃		
Power Supply	AC380V,50Hz		
Consumption	3250W	4050W	8000W
Shelves No.	2 pcs		3pcs
Optional Accessories	Printer/RS485 /USB		/
Internal Size(W*D*H)mm	350*350*400	450*450*450	602*500*753
External Size(W*D*H)mm	890*700*920	990*790*990	1070*770*1122
Package Size(W*D*H)mm	1010*820*1150	1100*920*1210	1150*860*1510
Net Weight(kg)	153	180	174
Gross Weight.(kg)	198	247	204

Drying Oven/Incubator (Dual Purpose)

BOV-D35　　　　　　　　　　　BOV-D53/87/149/248

Application:
The drying oven/incubator can be used as an incubator for the incubation of bacteria, molds, microorganisms, and tissue cells. As a drying oven, it can be used for baking, drying, heat treatment, disinfection and sterilization. Applicable to universities, research and production department.

Features:
＊ Outer material: cold-rolled steel plate sprayed on the surface; inner material: SUS stainless steel plate.
＊ Air inlet and outlet on the back, the air volume can be adjusted.
＊ Adopt silicone rubber sealing strip and double glass door observation window, easy and clear observation.
＊ Microcomputer controller, precise and reliable temperature control.
＊ The inner box is designed with a circular arc structure, which is easy to clean.

Technical Parameters:

Model	BOV-D35	BOV-D53	BOV-D87	BOV-D149	BOV-D248
Capacity (L)	35	53	87	149	248
Temp. Range	Incubator: RT+5℃~80℃; Oven: 80℃~220℃	Incubator: RT+5℃~80℃; Oven: 80℃~200℃			
Temp. Uniformity	±3%(at 100 ℃)	Incubator: ≤±1℃; Oven: ≤±2.5%			
Temp. Fluctuation	Incubator: ±0.5℃; Oven: ±1℃	±0.5℃			
Temp. Precision	0.1℃	0.1℃			
Circulation Mode	Micro-air circulation	Micro-air circulation			
Timing Range	0~5999min	0~9999min			
Display	LCD	LED			
Alarm	Overtemperature alarm, temperature probe damage alarm				
Material	External cold-rolled steel with painting; internal stainless steel				
Power Supply	AC220V 50Hz (Standard); 110/220V 60Hz (Optional)	AC220V 50/60Hz(Standard); AC110V 60Hz (Optional)			
Consumption	850W	700W	1200W	1500W	2000W
Shelves	2	2	2	2	2
Optional Accessories	USB/Printer	/			
Internal Size(W*D*H)mm	340*325*320	357*356*419	420*416*499	498*500*600	598*582*713
External Size(W*D*H)mm	620*490*490	540*615*750	604*674*830	680*771*935	782*855*1045
Package Size(W*D*H)mm	780*650*580	600*720*900	670*740*990	740*840*1080	860*940*1210
Net Weight(kg)	27	48	60	78	99
Gross Weight(kg)	30	56	71	92	116