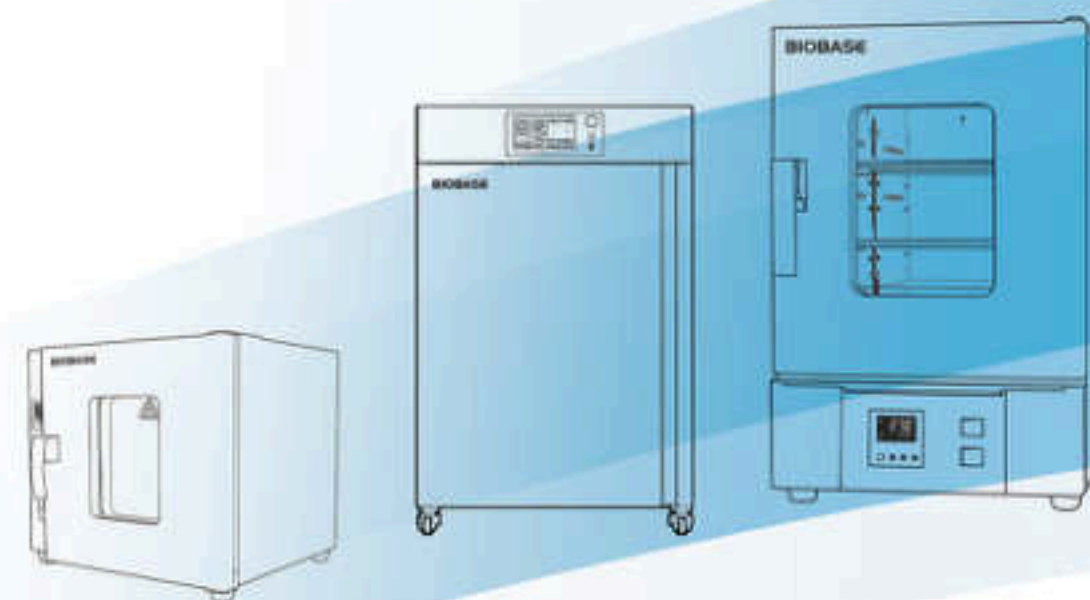


BIOBASE®

Incubator & Oven



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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 CO₂ 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.

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Incubator

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ISO9001



ISO13485

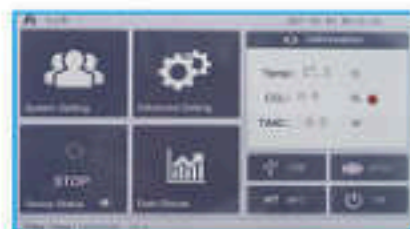


CE



Incubator

CO₂ Incubator



LCD Display



USB Port

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.

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 CO₂ 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				
CO ₂ Control	IR infrared sensor with calibration certificate				
CO ₂ Range	0~20vol%				
CO ₂ Uniformity	0.2vol%				
CO ₂ Control Resolution	0.1vol%				
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%				
Filter	CO ₂ 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, CO ₂ relief valve, CO ₂ 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

CO₂ Incubator

Features:

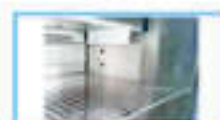
- * IR infrared sensor, using dual-channel dual-filter infrared technology.
- * The CO₂ incubators of the water jacket series feature an alarm function for both high and low water levels in the water jacket.
- * The inner tank material of the water jacket series CO₂ incubator is 304 brushed stainless steel with a full rounded corner design. The inner tank material of the air jacket CO₂ 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 CO₂ incubator also features under-temperature alarm, over-concentration alarm and under-concentration alarm.



LCD touch screen



CO₂ gas filter



HEPA filter (For water jacket)

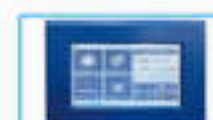
Technical Parameters:

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				
CO ₂ Control	IR infrared sensor with calibration certificate				
CO ₂ Range	0-20vol%				
CO ₂ Uniformity	0.2vol%				
CO ₂ Control Resolution	0.1vol%				
Ambient Temperature and Humidity	Ambient temperature: 5-30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%				
Filter	CO ₂ gas filter			CO ₂ 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, CO ₂ relief valve, CO ₂ gas filter			Shelves, USB interface, CO ₂ relief valve, water tank, CO ₂ gas 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*598*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		
CO ₂ Control	IR infrared sensor with calibration certificate		
CO ₂ Range	0~20vol%		
CO ₂ Uniformity	0.2vol%		
CO ₂ Control Resolution	0.1vol%		
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%		
Filter	CO ₂ 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, CO ₂ relief valve, CO ₂ 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

CO₂ Incubator

Features:

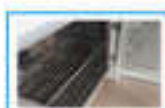
- * IR infrared sensor, using dual-channel dual-filter infrared technology.
- * The inner tank is designed with semicircular corners and the surface is made of 304 stainless steel with electrochemical treatment.
- * Sloped bottom design for smooth drainage, preventing evaporator icing, and improved temperature 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:



LCD display screen



Push-pull shelves with holes

Technical Parameters:

Model	BJPX-C80III	BJPX-C160III
Type	Low temperature series, 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	
CO ₂ Control	IR infrared sensor with calibration certificate	
CO ₂ Range	0~20vol%	
CO ₂ Uniformity	0.2vol%	
CO ₂ Control Resolution	0.1vol%	
Ambient Temperature and Humidity	Ambient temperature: 5~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%	
Filter	CO ₂ gas filter	
Power Supply	AC 220V, 50Hz (Standard); 110V, 60Hz (Optional) Wiring method: plug	
Consumption	1000W	
Shelves	2pcs, adjustable	
Standard Accessories	Shelves, USB interface, CO ₂ relief valve, water tank, CO ₂ 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*1240mm	810*748*1330mm
Package Size(W*D*H)	820*820*1390mm	904*842*1467mm
Net Weight	93kg	144kg
Gross Weight	115kg	165kg

CO₂ Incubator

Features:

- * IR infrared sensor, using dual-channel dual-filter infrared technology.
- * The inner tank is designed with full-radius 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.
- * HEPA high-efficiency filter, with a filtration efficiency of 99.97%.
- * HermeSEAL® technology, with its patented encapsulated infrared assembly, resists high temperature, high humidity, and corrosive environments, ensuring long-term stability even in harsh conditions.
- * The sensor prevents condensation upon power-on, avoiding failures caused by moisture and ensuring more stable and reliable measurements.



Technical Parameters:

Model	BJPX-C50D	BJPX-C80D	BJPX-C160D	BJPX-C180D	BJPX-C220D	BJPX-C300D
Type	Dry heat series, air jacket					
Sterilization Type	180℃ dry heat sterilization					
Capacity	50L	80L	160L	180L	220L	300L
Temp. Sensor	PT100					
Temp. Range	RT+5~60℃					
Temp. Fluctuation	±0.5℃ (@37℃; ±0.3℃)					
Temp. Uniformity	±1.0℃ (@37℃; ±0.5℃)					
Temp. Precision	0.1℃					
Timing Range	0~999h59min or continuous					
Display	7-inch touch screen					
CO ₂ Control	IR infrared sensor with calibration certificate					
CO ₂ Range	0~20vol%					
CO ₂ Uniformity	0.2vol%					
CO ₂ Control Resolution	0.1vol%					
Ambient Temperature and Humidity	Ambient temperature: 18~30℃ (Recommendation: 25±2℃) Ambient humidity: ≤80%					
Filter	CO ₂ gas filter					
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug					
Consumption	1850W	1900W	1950W	2000W	2050W	2650W
Shelves	2pcs, adjustable					
Standard Accessories	Shelves, USB interface, CO ₂ relief valve, water tank, CO ₂ gas filter					
Optional Accessory	Three-way connector					
Internal Size(W*D*H)	332*326*496mm	401*352*576mm	551*462*646mm	451*506*716mm	502*545*786mm	534*565*996mm
External Size(W*D*H)	660*552*764mm	666*622*850mm	870*710*958mm	770*722*992mm	820*762*1060mm	860*802*1260mm
Package Size(W*D*H)	730*642*784mm	758*712*870mm	940*800*978mm	840*812*1012mm	890*852*1260mm	930*892*1460mm
Net Weight	80kg	90kg	115kg	125kg	137kg	169.5kg
Gross Weight	95kg	105kg	130kg	140kg	152kg	184.5kg

Tri-Gas CO₂ Incubator



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°C moist heat sterilization	
Capacity	80L	160L
Temp. Sensor	PT100	
Temp. Range	RT+5~60°C	
Temp. Fluctuation	±0.3°C (@37°C)	
Temp. Uniformity	±0.5°C (@37°C)	
Temp. Precision	0.1°C	
Timing Range	0~999h or continuous	
Display	7-inch touch screen	
CO ₂ Control	IR infrared sensor with calibration certificate	
CO ₂ Range	0~20vol%	
CO ₂ Uniformity	0.2vol%	
CO ₂ Control Resolution	0.1vol%	
O ₂ Sensor	ZrO ₂ sensor	
O ₂ Concentration Control Range	3~20vol%/22~85vol%	
Ambient Temperature and Humidity	Ambient temperature: 5~30°C (Recommendation: 25±2°C) Ambient humidity: ≤80%	
Filter	CO ₂ gas filter	
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer) Wiring method: plug	
Consumption	750W	800W
Shelves	3pcs, adjustable	
Standard Accessories	Shelves, USB interface, CO ₂ relief valve, O ₂ relief valve, 24V direct-flow water pump, CO ₂ gas filter*3	
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



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-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.

- * 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 over-current protection.

Technical Parameters:

Model	BJPX-HT1000(PC)
Capacity	1000L
Temp. Sensor	PT100
Temp. Range	5~60°C
Temp. Fluctuation	±2.0°C
Temp. Uniformity	±2.0°C (@37°C)
Temp. Precision	0.1°C
Humidity Range	50~95%RH
Humidity Fluctuation	±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	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)
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)	1200*600*1400mm
External Size(W*D*H)	1343*1046*1985mm
Package Size(W*D*H)	1420*1070*2150mm
Net Weight	227.5kg
Gross Weight	300kg

Constant Temperature and Humidity Incubator



Introduction:

This product is suitable for production, testing, and research in industries such as medical institutions, pharmaceuticals, chemicals, environmental protection, agriculture, electrical & electronics, military equipment, and avionics. Widely used for sterility testing (pharmaceuticals, textiles, food processing), stability studies, material performance, packaging, and product lifespan testing. Additionally, it supports culturing bacteria, fungi, and microorganisms of human origin in medical settings.

Features:

- * 7-inch touchscreen display, intuitive and user-friendly for easy operation and monitoring.
- * Double-door design with a large viewing window on the outer door for clear visibility.
- * Unique auto-defrost function, minimizing temperature fluctuations during defrosting.
- * Mirror-finish stainless steel interior with rounded corners, featuring adjustable and removable shelves for effortless cleaning and maintaining a hygienic workspace.

Technical Parameters:

Model	BJPX-HTB100	BJPX-HTB150	BJPX-HTB200	BJPX-HTB250
Capacity	100L	150L	200L	250L
Temp. Sensor	PT100			
Temp. Range	0~60℃			
Temp. Fluctuation	±1℃(@37℃)			
Temp. Uniformity	±2℃(@37℃)			
Temp. Precision	0.1℃			
Humidity Range	50~90%RH(@20~50℃)			
Humidity Fluctuation	≤±8%RH(@20~50℃)			
Humidity Precision	1.0%RH			
Humidification Method	Built-in steam humidification			
Refrigerant	R134a/270g			
Heating System	Stainless steel heater			
Timing Range	0~999h59min			
Control Type	Microcomputer PID controller			
Display	7-inch touch screen display			
Material	External cold-rolled steel with painting; internal stainless steel			
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)			
Consumption	1200W		1500W	
Shelves	2		3	
Standard Accessories	Printer, BOD socket, shelf, test port*2			
Optional Accessories	Automatic water supply system, USB interface			
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
Packing Size(W*D*H)	790*795*1350mm	820*820*1450mm	880*880*1520mm	945*880*1720mm
Net Weight	105kg	120kg	130kg	145kg
Gross Weight	120kg	140kg	150kg	170kg

Constant Temperature and Humidity Incubator



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 °C), 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 over-current protection.

Technical Parameters:

Model	BJPX-HT100B	BJPX-HT150B	BJPX-HT200B	BJPX-HT250B	BJPX-HT400B
Capacity	100L	150L	200L	250L	400L
Temp. Sensor	PT100				
Temp. Range	0~60°C				
Temp. Fluctuation	±1.0°C				
Temp. Uniformity	±2.0°C (@37°C)				
Temp. Precision	0.1°C				
Humidity Range	50~95%RH				
Humidity Fluctuation	≤±8%RH				
Humidity Precision	1.0%RH				
Humidification Method	Built-in humidification system				
Refrigerant	R134a				R404a
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	AC 220V, 50Hz(Standard), 110V, 60Hz(Optional, external transformer)				
Consumption	1000W		1400W	1500W	1800W
Shelves	2 pcs/ adjustable				
Standard Accessories	USB port / Test port				
Optional Accessories	UV lamp / BOD Socket / Printer/ Shelves /Automatic water supply system				
Internal Size(W*D*H)	350*500*580mm	401*550*690mm	450*598*750mm	450*660*850mm	658*500*1238mm
External Size(W*D*H)	647*644*1170mm	692*690*1270mm	743*742*1340mm	743*802*1440mm	845*800*1805mm
Packing Size(W*D*H)	790*795*1350mm	820*820*1450mm	880*880*1520mm	945*880*1720mm	995*940*1905mm
Net Weight	98.5kg	115kg	120kg	135kg	200kg
Gross Weight	115kg	140kg	150kg	170kg	235kg

Constant Temperature and Humidity Incubator



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 over-current 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	80L	100L	150L	200L	250L	300L	400L
Temp. Sensor	PT100						
Temp. Range	0~65℃						
Temp. Fluctuation	±1℃						
Temp. Uniformity	±2℃						
Temp. Precision	0.1℃						
Humidity Range	50~90%RH						
Humidity Fluctuation	±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	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)						
Consumption	1200W			1300W		1500W	
Shelves	2 pcs/ adjustable						
Standard Accessories	Socket / Lamp						
Optional Accessories	UV lamp / USB port/ Printer/ Shelves /Automatic water supply system/Test pot						
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
Packing Size(W*D*H)	680*730*1290mm	680*730*1410mm	730*770*1570mm	730*800*1720mm	760*850*1790mm	800*850*1890mm	860*900*1990mm
Net Weight	70kg	75kg	95kg	100kg	110kg	120kg	140kg
Gross Weight	95kg	100kg	125kg	132.5kg	140kg	155kg	175kg

Multifunctional Incubator



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°C~42°C heating, and washing fluid 35°C~37°C 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 monitoring and optional mobile phone APP control program.

Technical Parameters:

Model	BJPX-Y100	BJPX-Y150	BJPX-Y200	BJPX-Y300
Capacity	100L	150L	200L	300L
Temp. Sensor	PT100			
Temp. Range	0~100°C			
Temp. Fluctuation	≤±1°C (@37°C)			
Temp. Uniformity	≤±2°C (@37°C)			
Temp. Precision	0.01°C			
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	18~30°C, suggest 25±2°C; relative humidity ≤80%			
Caster	Universal caster			
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)			
Consumption	1100W		1200W	1450W
Shelves	3 pcs/ adjustable			
Standard Accessories	UV lamp / Lamp / USB port / LAN port			
Optional Accessories	Shelves			
Internal Size(W*D*H)	518*400*599mm	518*400*750mm	518*500*832mm	500*490*1295mm
External Size(W*D*H)	598*690*1229mm	598*690*1391mm	598*797*1475mm	606*761*1900mm
Packing Size(W*D*H)	700*790*1380mm	723*790*1540mm	700*900*1635mm	706*861*2054mm
Net Weight	90kg	100kg	110kg	132kg
Gross Weight	115kg	120kg	130kg	156kg

Portable Constant-Temperature Incubator



Introduction:

Suitable for scientific research departments such as industrial and mining enterprises, medical and health care, biochemistry, and agricultural science for bacterial cultivation, breeding, fermentation and other related experimental purposes.

Features:

- * LCD display shows multiple sets of data simultaneously.
- * Contactless circuit control system, features upper-limit alarm and timed auto power-off functions.
- * Acrylic material observation window with an independently switchable lighting system.
- * Four-sided surround heating technology ensures uniform temperature distribution inside the chamber.
- * Adjustable sliding shelves allow flexible height configuration.
- * Silicone rubber magnetic seal provides easy opening/closing and excellent airtightness.
- * Supports portable power supply for field operation.

Technical Parameters:

Model	BJPX-H10
Capacity	10L
Display	LCD display
Circulation Mode	Four-sided heating, natural convection
Temp. Range	RT+5~65°C
Temp. Resolution	0.1°C
Temp. Fluctuation	±0.5°C
Timing Range	99h59min
Standard Accessory	Shelf*2
Consumption	300W
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
Internal Size(W*D*H)	200*220*230mm
External Size(W*D*H)	300*280*350mm
Package Size(W*D*H)	380*365*415mm
Net Weight	9.5kg
Gross Weight	12kg

Constant-Temperature Incubator



Features:

- * The inner chamber is made of high-quality brushed stainless steel with a semi-circular four-corner design for easy cleaning.
- * All inner surfaces are wrapped with aluminum foil, and the gaps between the inner liner and partitions are filled with high-quality insulation cotton, providing excellent heating and heat retention for more uniform temperature distribution.
- * Equipped with leakage current and over-voltage protection, over-temperature alarm, and a temperature control switch that cuts off power when overheating occurs to prevent damage to the instrument.

Technical Parameters:

Model	BJPX-H30L
Capacity	30L
Temperature Sensor	PT100
Temperature Range	RT+5~85°C
Temperature Fluctuation	±0.2°C (@37°C)
Temperature Uniformity	±0.5°C (@37°C)
Temperature Precision	0.1°C
Timing Range	0~9999min/h
Display	LCD
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)
Consumption	150W
Shelves	2pcs
Standard Accessories	Shelf
Optional Accessories	Shelf, footmaster caster
Internal Size(W*D*H)	310*310*310mm
External Size(W*D*H)	432*538*570mm
Package Size(W*D*H)	550*670*700mm
Net Weight	28kg
Gross Weight	40kg

Touch Screen Constant-Temperature Incubator



Double-layer Door (D type)



Glass Viewing Window Door (G type)

Standard Accessories:



Test port



Base stand



Footmaster Caster



UV lamp

Optional Accessories:

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-H548K(D/G)	BJPX-H888K(D/G)	BJPX-H180BK(D/G)	BJPX-H200BK(G)	BJPX-H270BK(D/G)
Capacity	54L	88L	180L	200L	270L
Temperature Sensor	PT100				
Temperature Range	RT+5~85℃				
Temperature Fluctuation	±1℃ (@37℃)				
Temperature Uniformity	±2℃ (@37℃)				
Temperature Precision	0.1℃				
Timing Range	0~999h or continuous				
Display	LCD touch screen				
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)(G type: external transformer)				
Power Consumption	345W		495W	645W	
Shelves	2pcs				
Standard Accessories	Shelf, test port				
Optional Accessories	Footmaster, shelf, UV lamp				
Internal Size(W*D*H)	395*364*395mm	500*380*500mm	558*518*600mm	598*548*638mm	665*600*720mm
External Size(W*D*H)	D type: 536*588*661mm	D type: 650*573*793mm	D type: 718*732*890mm	725*809*830mm	D type: 831*824*1037mm
	G type: 522*626*587mm	G type: 627*621*692mm	G type: 665*779*790mm		G type: 791*859*912mm
Packing Size(W*D*H)	D type: 670*690*850mm	D type: 755*660*955mm	D type: 825*830*1050mm	830*895*990mm	D type: 920*900*1200mm
	G type: 630*715*750mm	G type: 835*710*850mm	G type: 790*865*960mm		G type: 900*945*1075mm
Gross Weight	D type: 62kg	D type: 72kg	D type: 100kg	89kg	D type: 115kg
	G type: 49.5kg	G type: 58.5kg	G type: 82kg		G type: 102kg

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-current 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	AC 220V, 50/60Hz; 110V, 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(W*D*H)	350*360*410mm	400*400*500mm	500*500*650mm	600*600*750mm
External Size(W*D*H)	450*520*680mm	500*560*760mm	600*620*910mm	720*690*1020mm
Packing Size(W*D*H)	550*620*780mm	600*660*860mm	700*720*1010mm	820*790*1120mm
Gross Weight	40kg	47kg	70kg	90kg



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-H50/80/160/270L

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	AC 220V, 50/60Hz(Standard); 110V, 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(W*D*H)	340*320*320mm	350*348*400mm	410*405*510mm	505*455*700mm	600*600*750mm
External Size(W*D*H)	620*490*490mm	510*548*740mm	570*600*850mm	673*645*1033mm	768*795*1083mm
Package Size(W*D*H)	780*650*580mm	590*660*670mm	720*640*990mm	760*750*1180mm	840*920*1230mm
Gross Weight	30kg	56kg	72kg	102kg	130kg

Biochemistry Incubator



Application:

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°C			
Temperature Display Resolution	0.1°C			
Temperature Fluctuation	±1°C(@37°C)			
Temperature Uniformity	±2°C(@37°C)			
Ambient Temperature	18~30°C(Only suitable for indoor use)			
Timing Range	0~999h or continuous			
Refrigerant	R134a/270g			
Disinfection	UV disinfection device can be optional			
Controller	Programmable 7.0 inch touch screen controller			
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)			
Rated Power	1200W		1400W	1500W
Shelf	2		3	
Standard Accessories	Printer, BOD waterproof socket, shelf, test port			
Optional Accessories	USB interface, UV disinfection device			
Internal Size (W*D*H)	500*350*580mm	550*401*690mm	600*450*750mm	660*450*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	945*880*1720mm
Net weight	105kg	120kg	130kg	145kg
Gross weight	120kg	140kg	150kg	170kg



LCD touch screen



Built-in printer



Test port



Double door

Biochemistry Incubator



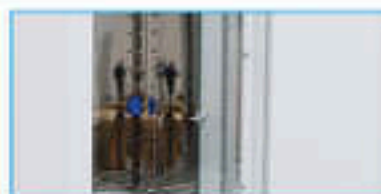
Features:

- * 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.

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	AC 220V, 50Hz (Standard); 110V, 60Hz (Optional, external transformer)						
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 (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*1100mm	540*580*1220mm	590*630*1380mm	590*660*1530mm	620*700*1600mm	660*700*1700mm	720*760*1800mm
Package Size (W*D*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						

Cooling Incubator



Glass inner door



LCD touch screen



Power socket



Fan



Shelf



Universal caster

Application:

Cooling incubator is suitable for environmental protection, health, epidemic prevention, drug testing, agricultural livestock, aquaculture and other scientific research, production departments, water analysis of BOD determination, bacteria, mold and other microbial samples culture preservation, plant cultivation, breeding test.

Features:

- * Microcomputer PID control, precise temperature control.
- * The enclosure is constructed with high-quality steel plates and features a powder-coated surface. The inner chamber is made of 304 stainless steel, round corner structure, easy to clean.
- * Universal caster for easy movement.
- * Includes power failure protection and over-temperature alarm.
- * Use R290 environmentally friendly refrigerant.
- * Double-door design, with an added tempered glass inner door for direct observation of cultured specimens in the workspace.
- * Equipped with an over-temperature alarm device and has a parameter memory function. It automatically resumes operation upon power restoration.
- * The chamber is equipped with power socket to supply electricity for BOD testing equipment, shakers, and other small instruments installed inside the incubator.

Technical Parameters:

Model	BJPX-I-80L	BJPX-I-200L	BJPX-I-250L	BJPX-I-300L	BJPX-I-400L
Capacity	80L	200L	250L	300L	400L
Display	LCD display				
Temp. Control Range	-10~65℃				
Temp. Fluctuation	Heating: ±0.5℃, cooling: ±1℃				
Temp. Uniformity	±1.5℃(@37℃)				
Timing Range	0~9999min				
Refrigerant	R290				
Shelf	2				
Standard Accessory	Shelf, power socket				
Optional Accessory	RS485 interface, RS232 interface, USB interface, miniprinter				
Consumption	1500W	1800W		2000W	2200W
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)				
Internal Size(W*D*H)	400*370*560mm	450*450*1000mm	480*490*1070mm	520*500*1170mm	580*540*1270mm
External Size(W*D*H)	540*580*1100mm	590*660*1530mm	620*700*1600mm	660*700*1700mm	720*760*1800mm
Package Size(W*D*H)	680*730*1290mm	730*800*1720mm	760*850*1790mm	800*850*1890mm	860*900*1990mm
Net Weight	65kg	110kg	120kg	115kg	150kg
Gross Weight	85kg	130kg	140kg	150kg	170kg

Lighting Incubator



BJPX-L200BK



BJPX-L200BKII

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:

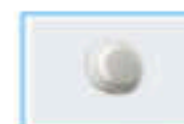
- * The incubator is designed with circular arc structure for easy cleaning.
- * LED light plate cold light source lighting, irradiation surface more uniform, less heat, making the box temperature more stable.
- * The illumination grade is adjustable, it can be adjusted by controlling the on and off 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).



Large LCD screen



Mechanical lock (Standard)



Test port (Optional)



Shelf (Standard)

Technical Parameters:

Model	BJPX-L200BK	BJPX-L200BKII
Capacity	200L	
Temperature Control Range	With illumination: 10~60°C; Without illumination: 0~60°C	
Temperature Display Resolution	0.1°C	
Temperature Fluctuation	±0.5°C	
Temperature Uniformity	±1.0°C	
Ambient Temperature	5~30°C, 25±2°C 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: 0~20000Lux	Three side(Left, right and front) LED cold light source: 0~20000Lux
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°C)	
Material	External material: cold rolled steel; Internal material: 304 stainless steel	
Power Supply	AC 220V, 50Hz(Standard); 110V, 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	
External Size (W*D*H)	750*760*1500mm	750*760*1530mm
Package Size (W*D*H)	870*885*1700mm	
Net Weight	135kg	175kg
Gross Weight	160kg	200kg

Lighting Incubator



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



Shelf (Standard)



LCD display



Printer (Optional for BJPX-LII)

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 inner box is equipped with a fan to form a micro-air circulation to improve the temperature uniformity in the box.
- * Microcomputer intelligent PID 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	AC 220V, 50/60Hz(Standard); 110V, 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*484*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



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-A300/III	BJPX-A400/II
Capacity	248L	290L	300L	402L
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%RH(18~45°C); Without illumination: 50~90%RH(15~45°C)		50~90%RH	With illumination: 50~80%RH(18~45°C); Without illumination: 50~90%RH(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 AII series: AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer) BJPX-AIII: AC 220V, 50Hz(Standard); 110V, 50Hz, 110V, 60Hz, 220V, 60Hz(Optional)			
Consumption	2400W	2900W	1500W	3400W
Shelf	3			
Standard Accessory	Shelves			
Optional Accessory	RS485, RS485 to USB switching port, thermal printer, external temperature protection device, external temperature SMS alarm module		U disk, RS485/232, printer (three can only choose one), CO ₂ controller	RS485, RS485 to USB switching port, thermal printer, external temperature protection device, external temperature SMS alarm module
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)	750*960*1960mm	770*970*2060mm	950*930*2100mm	850*1100*2010mm
Gross Weight	A250:185kg A250II:187kg	A300:195kg A300II:197kg	300kg	230kg

Climate Incubator



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.

Technical Parameters:

Model	BJPX-A1000CI	BJPX-A1500CI
Capacity	1000L	1500L
Temp. Sensor	PT100	
Temp. Range	0~50°C (No Light: 0~50°C, with light: 10~50°C)	
Temp. Fluctuation	±1°C (Experimental conditions: no load, environmental temperature 20°C, humidity 50%RH)	
Temp. Uniformity	7°C	
Temp. Resolution	0.1°C	
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°C	
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), CO ₂ 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

Mould Incubator



Printer



LCD touch screen



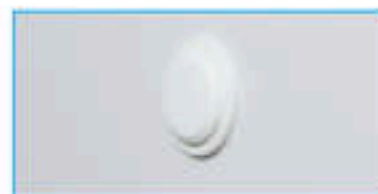
BOD waterproof socket



Fan



Shelf



Test port

Introduction:

Mould Incubator is suitable for environmental protection, medical and healthcare, disease control, pharmaceutical inspection, agriculture, livestock, aquaculture, and other research and production sectors. It serves as a versatile constant-temperature device for applications such as BOD(Biochemical Oxygen Demand) analysis in water bodies, cultivation and preservation of bacteria, molds, and microorganisms, as well as plant cultivation and breeding experiments. It must not be used for culturing human-derived samples.

Features:

- * 7.0-inch touch display screen, simple and easy to understand and operate, convenient for observation.
- * Double-layer glass door design, the outer door is equipped with an extra-large viewing window for easy observation.
- * Unique automatic defrost design, with minimal temperature fluctuation during defrosting.
- * Mirror-finished stainless steel interior, rounded corners, shelves are removable and height-adjustable, easy to clean, and helps maintain a clean working chamber environment.

Technical Parameters:

Model	BJPX-MB100	BJPX-MB150	BJPX-MB200	BJPX-MB250
Capacity	100L	150L	200L	250L
Temp. Sensor	PT100			
Temp. Range	0~60℃			
Temp. Fluctuation	±1℃(@37℃)			
Temp. Uniformity	±2℃(@37℃)			
Temp. Precision	0.1℃			
Timing Range	0~9999h59min			
Humidity Range	50~90%RH(@20~50℃)			
Humidity Control Accuracy	1%RH			
Humidity Control Fluctuation	≤±8%RH			
Refrigerant	R134a(CFC-free environmentally friendly refrigerant)			
Sterilization Method	UV sterilization lamp(Timetable setting)			
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)			
Consumption	1200W		1500W	
Shelves	2		3	
Standard Accessories	UV sterilization lamp, printer, BOD waterproof socket, test port			
Optional Accessories	USB interface, automatic water supply system			
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)	769*772*1327mm	815*817*1327mm	865*867*1497mm	865*927*1597mm
Net Weight	105kg	120kg	130kg	145kg
Gross Weight	120kg	140kg	150kg	170kg

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:

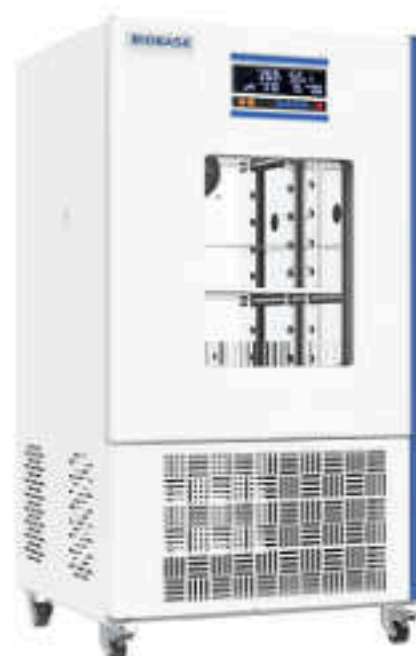
- * The 7-inch LCD touch screen can monitor the temperature and humidity curves in real time, which is convenient for observation and operation.
- * Accurate control: equipped with a microcomputer temperature control system and an independent PID humidity control system.
- * Three-level operation interface 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	100L	150L	200L	250L
Temp. Sensor	PT100			
Temp. Range	0~60℃(Microcomputer PID control)			
Temp. Fluctuation	±0.5℃			
Temp. Uniformity	±1℃(@37℃)			
Temp. Precision	0.1℃			
Timing Range(min/h)	0~9999			
Humidity Range	50~95%RH			
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	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)			
Consumption	1000W		1200W	
Shelves	2			
Standard Accessories	USB interface, remote PC port, test 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:

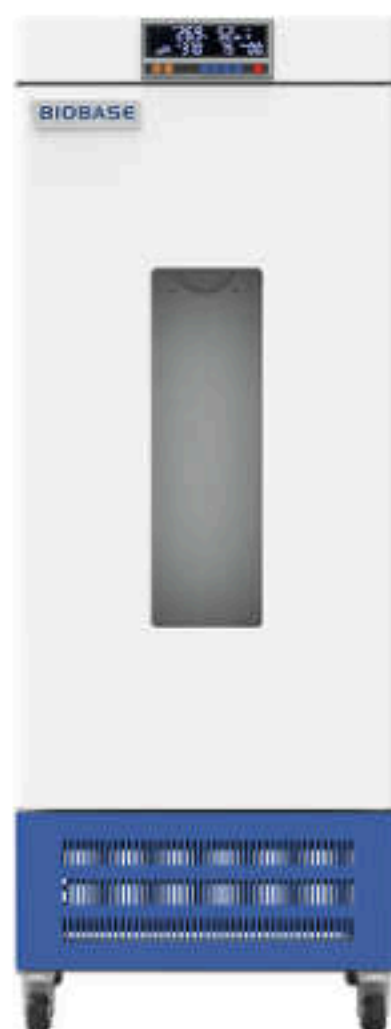
- * Structural design: The incubator shell material is made of cold-rolled steel plate, which is environmentally friendly sprayed, and has strong corrosion resistance; the studio is made of SUS304 mirror stainless steel plate.
- * Energy-saving design: Non-fluorine environmentally friendly high-efficiency 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	100L	150L	200L	250L
Temp. Sensor	PT100			
Temp. Range	0~85℃			
Temp. Fluctuation	Low temperature: ±1.0℃; high temperature: ±0.5℃			
Temp. Uniformity	±2℃			
Temp. Precision	0.1℃			
Timing Range(min/h)	0~9999			
Humidity Range	50~95%RH			
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	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)			
Consumption	1000W		1200W	
Shelves	2			
Standard Accessories	UV sterilization lamp, test port			
Optional Accessories	USB interface, printer, shelf			
Internal Size(W*D*H)	350*500*580mm	401*550*690mm	450*598*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	945*880*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



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.

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	80L	100L	150L	200L	250L	300L	400L
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%RH						
Humidity Control Accuracy	1%RH						
Humidity Control Fluctuation	±5~±8%RH						
Refrigerant	R134a						R404a
Sterilization Method	UV sterilization lamp(Timetable setting)						
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)						
Consumption	1200W			1300W		1500W	
Shelves	2						
Standard Accessories	UV sterilization lamp, shelf						
Optional Accessories	RS485, RS485 to USB interface, printer, shelf, RS232, small submersible pump						
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)	680*730 *1290mm	680*730 *1410mm	730*770 *1570mm	730*800 *1720mm	760*850 *1790mm	800*850 *1890mm	860*900 *1990mm
Net Weight	70kg	75kg	95kg	100kg	110kg	120kg	140kg
Gross Weight	95kg	100kg	125kg	132.5kg	140kg	155kg	175kg

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

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		110L
Temperature Control Range	RT+5~60℃				4~60℃
Temperature Display Resolution	0.1℃				
Temperature Uniformity	≤±1℃ (@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



Flask Clamp



Hidden Water Collection Box (for BJPX-ST80B)



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+5~65℃	4~65℃ (@25℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±1℃ (@37℃, effective working surface)	
Temperature Fluctuation	±0.5℃ (@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	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*3, 250ml*4, 100ml*5, 50ml*5, 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	140kg

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℃ (@20℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±0.5℃ (@37℃, effective working surface)	
Temperature Fluctuation	≤0.1℃ (@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, 20-300rpm (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 Haftplate: 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); 220V60Hz (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, haftplate	
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



BJPX-SL10/BJPX-SL20



BJPX-SL10-L/BJPX-SL20-L

Features:

- * Large hollow electric heating perspective window, anti-condensation, convenient for customers to check the running condition of the box.
- * The display interface has the functions of historical data, curve, alarm record can be queried, data can be saved and exported, password lock screen protection and Chinese and English switching.
- * Humanized design of the door stop function, to protect the safety of personnel.
- * Box padding foot height adjustable, standard universal casters, easy to move the box.
- * Professionally designed side air vents to meet the oxygen requirement of samples.

Technical Parameters:

Model	BJPX-SL10-L	BJPX-SL10	BJPX-SL20-L	BJPX-SL20
Capacity	157L			
Display	LCD	7 inch touch screen	LCD	7 inch touch screen
Circulation Mode	Forced convection			
Shaking Mode	Rotary shaking			
Drive Mode	Three axis balanced drive type			
Vibration Range	Φ26mm			
Rotating Speed	30~300rpm			
Rotating Accuracy	±1r/min			
Temp. Range	RT+5~60℃		4~60℃	
Temp. Control Accuracy	0.1℃			
Temp. Uniformity	≤±1℃(37℃)			
Temp. Fluctuation	≤±0.5℃			
Timing Range	0-9999min(h)	0-999h59min	0-9999min(h)	0-999h59min
Shaking Plate Size	413*466mm (Two layers)			
Max. Capacity	Upper layer: 100ml*25 or 250ml*16 or 500ml*12 or 1000ml*9 (Flask clamp)			
	Lower layer: 100ml*20 or 250ml*12 or 500ml*9 or 1000ml*6 (Flask clamp)			
	tube rack*2			
	96-well plate*16			
Standard. Capacity	clamping rod shaking plate*2			
	Upper layer: 250ml*12 or 500ml*9 or 1000ml*6 (Flask clamp)			
	Lower layer: Universal spring rack			
Lighting Mode	LED lamp*1			
Sterilization Mode	UV lamp*1			
Refrigerant	/		R290	
Ambient Temp.	15~35℃			
Curve Programming	Fixed value	Fixed and multi-stage	Fixed value	Fixed and multi-stage
Internal Material	304 stainless steel			
Consumption	850W		1000W	
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)			
Internal Size(W*D*H)	495*505*630mm			
External Size(W*D*H)	650*785*1135mm			
Package Size(W*D*H)	780*920*1290mm			
Net Weight	120kg		145kg	
Gross Weight	140kg		165kg	

Note:

1. The height of the container placed in the clamping rod shaking plate is no more than 215mm.
2. The total height of the tube placed in the tube rack is less than 160mm (if the tube has a stopper, the total height of the tube should be counted as the height of the stopper).

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℃ (@20℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±0.5℃(@37℃, effective working surface)	
Temperature Fluctuation	≤0.1℃(@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	YES	
Processing System		
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 Halfplate: 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); 220V, 60Hz; 110V, 50/60Hz(Optional, external transformer)	
Consumption	600W	850W
Shelves	500*360mm, 2pcs	
Standard Accessories	Clamp flask: 250ml*24, shelf*2	
Optional Accessories	Lighting function, UV disinfection function, printer, halfplate	
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)



Clamp Specifications for Shaking Incubator:



Upper layer: universal spring clamp,
lower layer: universal spring clamp



Upper layer: clamp rod shaking plate,
lower layer: clamp flask



Upper layer: tube rack,
lower layer: clamp flask

Introduction:

Vertical dual-door dual-control shaking incubator (Also known as an oscillator or constant temperature shaker) integrates an incubator and shaker into one unit. It is typically placed on the floor for mixing and culturing samples. The front-opening design provides greater operational flexibility compared to top-lift shakers. It meets the demands of modern laboratories with increasing sample volumes and supports large-scale production in bioengineering.

Features:

- * Exterior material is powder-coated carbon steel, interior material is stainless steel.
- * The unique airflow duct design ensures superior temperature uniformity within the chamber, enabling more accurate temperature sensor data acquisition.
- * The temperature is controlled by a 'Super Fuzzy PID' system, featuring smaller overshoot, faster stabilization time, and better temperature control accuracy.
- * Features a brushless DC motor with PWM speed control. The acceleration control circuit ensures gentle startup, smooth acceleration, and safe handling of experimental samples.

- * Three-dimensional biased three-wheel drive mechanism provides exceptionally smooth, stable, durable, and reliable operation.
- * The outer door utilizes insulated tempered electric heating glass that effectively prevents glass fogging and condensation around the door frame.
- * Our proprietary silicone sealing strip, made from eco-friendly silicone material, provides superior contact with the chamber surface for enhanced sealing and improved thermal insulation performance.
- * The motor rotation direction can be set to forward, reverse, or alternating forward/reverse.

Technical Parameters:

Model	BJPX-SL220-LII
Capacity	456L
Temperature Control Range	4~60°C
Temperature Control Accuracy	0.1°C
Temperature Uniformity	±1°C (@37°C)
Temperature Fluctuation	±0.5°C
Ambient Temperature	15~35°C
Timing Range	0~9999min/h
Control Mode	PID microcomputer control
Display	LCD display
Circulation Mode	Forced convection
Oscillation Mode	Rotary shaking
Speed Range	30~300rpm
Speed Accuracy	±1rpm
Swing Amplitude of The Plate	φ26mm
Refrigerant	R290/150g
Standard Capacity	Capacity per column: Upper layer: 250ml*20(Default shipping configuration)/500ml*12/1000ml*9/2000ml*6 Lower layer: universal spring clamps
Max. Capacity	Upper layer: Clamp flask: 100ml*72/250ml*50/500ml*32/1000ml*18/2000ml*16 Lower layer: Clamp flask: 100ml*48/250ml*40/500ml*24/1000ml*18/2000ml*8 Tube rack*8 96-well plate*48 Clamp rod shaking plate*4
Defrost Function	Automatic defrosting
Consumption	2000W
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)
Shelf	503*463mm*4
Standard Accessory	UV light*2, LED light*2
Optional Accessory	Printer, USB interface
Internal Size(W*D*H)	558*504*813mm(Per column)
External Size(W*D*H)	1303*784*1621mm
Package Size(W*D*H)	1450*980*1750mm
Net Weight	506kg
Gross Weight	570kg

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



Clamp Specifications for Shaking Incubator:



Upper layer: universal spring clamp,
lower layer: universal spring clamp



Upper layer: clamp rod shaking plate,
lower layer: clamp flask



Upper layer: tube rack,
lower layer: clamp flask

Introduction:

The vertical dual-door single-control shaking incubator is a versatile laboratory instrument that integrates an incubator and an orbital shaker. The front double-door design offers greater flexibility in operation and handling. It is widely used for bacterial culture, fermentation, hybridization, biochemical reactions, as well as research on enzymes and tissues, where precise temperature and oscillation frequency control are critical.

Features:

- * Exterior material is powder-coated carbon steel, interior material is mirror finished stainless steel.
- * The temperature is controlled by a 'Super Fuzzy PID' system, featuring smaller overshoot, faster stabilization time, and better temperature control accuracy.

- * High-quality DC brushless motor features minimal vibration, low noise, high efficiency, maintenance-free operation, energy saving, and long-lasting performance. Equipped with single-axis balanced drive technology for ultra-low silent operation.
- * Equipped with over/under temperature alarms and abnormal shutdown alarms.
- * Automatic audio and visual alarms are triggered in case of shaker(Motor) malfunction or if the door is not properly closed.
- * The motor rotation direction can be set to forward, reverse, or alternating forward/reverse.
- * Programmed mode, which allows for multi-stage settings, and constant mode, which runs continuously at the set temperature and speed after configuration.

Technical Parameters:

Model	BJPX-SL220-LI
Capacity	610L
Temperature Control Range	4~60℃
Temperature Control Accuracy	0.1℃
Temperature Uniformity	≤±1℃(@37℃)
Temperature Fluctuation	≤±0.5℃
Ambient Temperature	15~35℃
Timing Range	0~999min(h)
Control Mode	PID microcomputer control
Display	LCD touch screen
Circulation Mode	Forced convection
Oscillation Mode	Rotary shaking
Speed Range	30~300rpm
Speed Accuracy	±1rpm
Swing Amplitude of The Plate	φ26mm
Refrigerant	R290/150g
Standard Capacity	250ml*64/500ml*48(Default shipping configuration)/1000ml*32/2000ml*20/3000ml*16/5000*12
Max. Capacity	Clamp flask: 50ml*162/100ml*124/150ml*104/250ml*86/500ml*64/1000ml*32/2000ml*20/3000ml*16/5000ml*12 Tube rack*6 96-well plate*30 Clamp rod shaking plate*4 Horizontal thermostatic shaker spring plate*2
Defrost Function	Automatic defrosting
Consumption	1500W
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)
Shelf	970*460mm*2
Standard Accessory	UV light*1, LED light*1
Optional Accessory	Printer, USB interface
Internal Size(W*D*H)	1198*520*990mm
External Size(W*D*H)	1303*793*1564mm
Package Size(W*D*H)	1450*980*1750mm
Net Weight	550kg
Gross Weight	580kg

Large Capacity Vertical Type Shaking Incubator (Double 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-1102X	BJPX-2102X
Capacity	335L	
Temperature Control Range	Ambient temperature+5~65℃	4~65℃ (@20℃)
Temperature Control Accuracy	±0.1℃	
Temperature Uniformity	±0.5℃ (@37℃, effective working surface)	
Temperature Fluctuation	≤0.1℃ (@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	YES	
Processing System		
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*24 Halfplate: 100ml*120 or 250ml*70 or 500ml*44 or 1000ml*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); 220V, 60Hz; 110V, 50/60Hz(Optional, external transformer)	
Consumption	900W	1150W
Shelves	710*455mm, 2pcs	
Standard Accessories	Clamp flask: 250ml*28, 500ml*22, shelf*2	
Optional Accessories	Lighting function, UV disinfection function, printer, halfplate	
External Size(W*D*H)	950*700*1280mm	
Package Size(W*D*H)	1050*820*1490mm	
Net Weight	240kg	
Gross Weight	280kg	

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	80L	
Temp. sensor	PT100	
Temp. Range	RT+5~60°C	4~60°C
Temp. Fluctuation	≤±0.5°C	
Temp. Uniformity	≤±1°C(37°C)	
Temp. Precision	0.1°C	
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°C	
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	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer)	
Internal Size(W*D*H)	495*455*370mm(Per unit)	
External Size(W*D*H)	580*830*600mm(Per unit)	
Package Size(W*D*H)	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	155L		
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*3(Flask clamp)	
		Tube rack*2	
	Double layer shaker plate	96-well plate*12	
		Clamping rod shaking plate*1	
		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	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer)		
Internal Size(W*D*H)	560*500*555mm(Per unit)		
External Size(W*D*H)	650*840*810mm(Per unit)		
Package Size(W*D*H)	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



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	26-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
Clamping Rod	BS-A40	320*300*70mm (for 50~2000ml conical flask)		BS-A51	54-well, for 10ml sampling tube
Shaking Plate				BS-A52	54-well, for 20ml sampling tube
				BS-A53	54-well, for 30ml sampling tube

Technical Parameters:

Model	BJPX-SDW10	BJPX-SDW20	BJPX-SDW10-L	BJPX-SDW20-L
Capacity	200L			
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	0~999h59min		0~999min(h)	
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	Φ28mm			
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	AC220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer)			
Internal Size(W*D*H)	870*590*398mm(Per unit)			
External Size(W*D*H)	1150*780*640mm(Per unit)			
Package Size(W*D*H)	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)

Optional Shaking Incubator Accessories



Flask Clamp



Tube Rack



Microplate/96-well plate



Universal attachment with 3 bars



Universal spring plate

Technical Parameters:

No.	Material code	Name	No.	Specifications	Note
1	18.01.09.00001	Flask Clamp	BS-A10	50ml	Suitable for BJPX-ST10/11/20 BJPX-SL10/20 BJPX-SDT10/20 BJPX-SDL10/20 BJPX-SDW10/20 BJPX-SW10/20 BJPX-SW10-L BJPX-SW20-L BJPX-SL10-L BJPX-SL20-L BJPX-ST10-L BJPX-ST11-L BJPX-SDW10-L BJPX-SDW20-L BJPX-SL220-LI BJPX-SL220-LII
2	18.01.09.00002		BS-A11	100ml	
3	18.01.09.00003		BS-A12	150ml	
4	18.01.09.00004		BS-A13	200ml	
5	18.01.09.00005		BS-A14	250ml	
6	18.01.09.00006		BS-A15	500ml	
7	18.01.09.00007		BS-A16	1000ml	
8	18.01.09.00008		BS-A17	2000ml	Suitable for BJPX-ST10/11/20 BJPX-SDL10/20 BJPX-SDT10/20 BJPX-SW10/20 BJPX-SW10-L BJPX-SW20-L BJPX-SDL10/20 BJPX-SDW10/20 BJPX-SDW10-L BJPX-SDW20-L BJPX-SL220-LI BJPX-SL220-LII

No.	Material code	Name	No.	Specifications	Note
9	18.01.09.00009	Tube Rack	BS-A27	3000ml	Suitable for BJPX-ST10/11/20 BJPX-SW10/20 BJPX-SDL10/20 BJPX-SDW10/20 BJPX-SDW10-L BJPX-SDW20-L BJPX-SL220-LI
10	18.01.09.00010		BS-A28	5000ml	Suitable for BJPX-SW10/20 BJPX-SDL10/20 BJPX-SW10-L BJPX-SW20-L BJPX-SL220-LI
11	18.01.09.00011	Microplate/96-well plate	BS-A50	130*87*52ml	Suitable for BJPX-ST10/11/20 BJPX-SW10/20 BJPX-SDL10/20 BJPX-SDT10/20 BJPX-SDL10/20 BJPX-ST11-L BJPX-ST10-L BJPX-SL20-L BJPX-SL10-L BJPX-SW10-L BJPX-SW20-L BJPX-SDW10/20 BJPX-SDW10-L BJPX-SDW20-L BJPX-SL220-LI BJPX-SL220-LII
12	18.01.09.00012	Tube Rack	BS-A20	54*10ml	Suitable for BJPX-ST10/11/20 BJPX-SL10/20 BJPX-SW10/20 BJPX-SDT10/20 BJPX-SDL10/20 BJPX-SDW10/20 BJPX-SW10-L BJPX-SW20-L BJPX-SL10-L BJPX-SL20-L BJPX-SDW10-L BJPX-SDW20-L BJPX-SL220-LI BJPX-SL220-LII
13	18.01.09.00013		BS-A21	54*15ml	
14	18.01.09.00014		BS-A22	28*50ml	
15	18.01.09.00015		BS-A23	24*100ml	
16	18.01.09.00016		BS-A24	54-well, suitable for Φ15*150 centrifuge tubes.	
17	18.01.09.00017		BS-A25	54-well, suitable for Φ18*180 centrifuge tubes.	
18	18.01.09.00018		BS-A26	54-well, suitable for Φ20*200 centrifuge tubes.	
19	18.01.09.00019		BS-A27	32-well, suitable for Φ25mm*200mm centrifuge tubes.	
20	18.01.09.00020		BS-A28	28-well, suitable for Φ30mm*200mm centrifuge tubes.	
21	18.01.09.00021		BS-A50	54*7ml	
22	18.01.09.00022		BS-A51	54*10ml	
23	18.01.09.00023		BS-A52	54*20ml	
24	18.01.09.00024		BS-A53	54*30ml	
25	18.01.09.00025	Universal attachment with 3 bars	BS-A40	320*300*70ml	Suitable for 2000ml or larger beakers.
26	23.02.09999	Horizontal thermostatic shaker spring plate	SW20	900*470ml	Suitable for BJPX-SW10 BJPX-SW10-L BJPX-SW20 BJPX-SW20-L BJPX-SL220-LI
27	23.02.10000	Universal Spring plate (Stacked Large Capacity Shaking Incubator-A layer)	SDT10	420x400ml	Suitable for BJPX-SDT10 BJPX-SDT20
28	23.02.10002	Universal spring plate (Stacked Large Capacity Shaking Incubator-Two layers)	SDL20	460x450 (One layer spring plate, two layer flask clamp)	Suitable for BJPX-SDL10 BJPX-SDL20
29	23.02.10003	Universal spring plate (Stacked Large Capacity Shaking Incubator)	SDW10	720*490ml	Suitable for BJPX-SDW10 BJPX-SDW10-L BJPX-SDW20 BJPX-SDW20-L
30	23.02.09013	Universal Spring plate (Small Capacity Thermostatic Shaking Incubator)	ST10	562*343ml	Suitable for BJPX-ST10 BJPX-ST11 BJPX-ST20
31	23.02.09014		ST10-L	202*202ml	Suitable for BJPX-ST10-L BJPX-ST11-L
32	23.02.09016	Universal Spring plate (Stacked Large Capacity Shaking Incubator)	SL20-L	448*393 (Upper and lower spring plate)	Suitable for BJPX-SL20-L BJPX-SL20
33	23.02.10004	Double-Layer flask plate (Stacked Large Capacity Shaking Incubator)	SL20-L2	448*393 (Upper and lower Flask Clamp)	Suitable for BJPX-SL20-L BJPX-SL20

Stacked Large Capacity Shaking Incubator



Introduction:

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

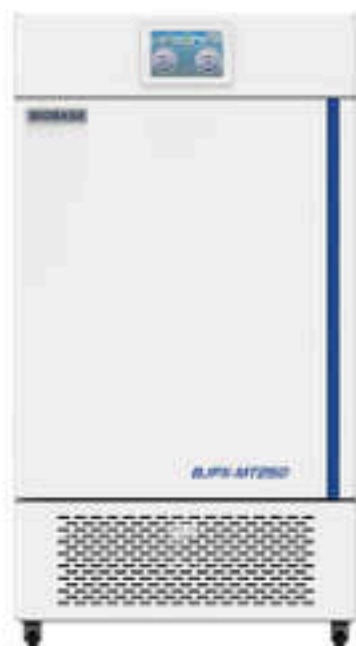
Features:

- * 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.

Technical Parameters:

Model	BJPX-2012N	BJPX-2012RN
Capacity	180L(Per unit)	
Temp. sensor	PT100	
Temp. Range	RT+5~65℃	4~65℃(@20℃)
Temp. Fluctuation	±0.1℃(@37℃)	
Temp. Uniformity	±0.6℃(@37℃)	
Temp. Precision	±0.1℃	
Timing Range	0~9999h/min or continuous	
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Multidimensional drive	
Vibration Range	Φ26mm(Can customize Φ35(20~250rpm); Φ50(20~200rpm))	
Rotating Speed	0; 20~350rpm(Top layer 20~300rpm, static culture, reverse rotation or alternate operation)	
Rotating Accuracy	±1rpm	
Shaking Plate Size	610*460mm	
Shaking Plate Quantity	1pc	
Max. Capacity	250ml*32 or 500ml*21 or 1000ml*13 or 2000ml*7(Flask clamp) 250ml*32 or 500ml*20 or 1000ml*12 or 2000ml*8(haftplate)	
Standard Capacity	Flask clamp: 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(Per unit)	1200W(Per unit)
Power Supply	AC 220V, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)	
Internal Size(W*D*H)	715*580*450mm(Per unit)	
External Size(W*D*H)	1120*790*620mm(Per unit)	
Package Size(W*D*H)	1275*950*810mm(Per unit)	
Gross Weight	220kg(Per unit)	

Medicine Stability Test Chamber



Introduction:

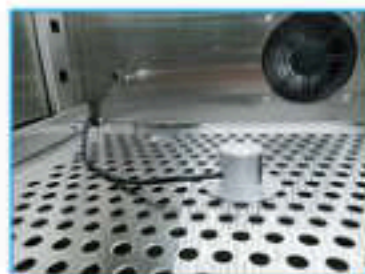
Medicine stability test chambers are scientifically designed to create an environment of stable temperature, humidity and light levels over a long period of time for failure assessment of pharmaceuticals. It is suitable for accelerated test, long-term test, high humidity test and strong light irradiation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



Adjustable shelf



Fluorescent lamp



High water-proof grade illumination sensor



Build-in printer

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.

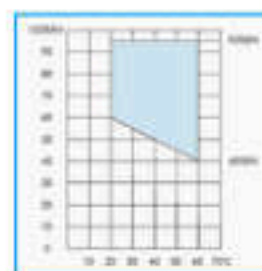
Technical Parameters:

Model	BJPX-MT250
Sterilization Type	UV sterilization
Capacity	250L
Temp. Range	5~60°C with light source; 0~60°C without light source
Temp. Fluctuation	±0.5°C
Temp. Precision	0.1°C
Humidity Range	40~90%RH
Humidity Fluctuation	±5%RH
Illumination	Cool white fluorescent lamp, 0~6000Lux adjustable
Illumination Fluctuation	±500Lux
UV Irradiance	0~100μW/cm ²
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, 50Hz(Standard); 110V, 60Hz(Optional, external transformer)
Consumption	2200W
Shelves	2pcs, adjustable
Standard Accessories	Shelves, UV lamp, fluorescent lamp, pin printer, USB port, PC port, φ30mm test hole, external water tank
Internal Size(W*D*H)	650*465*830mm
External Size(W*D*H)	850*760*1580mm
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.



Humidity Area Graph

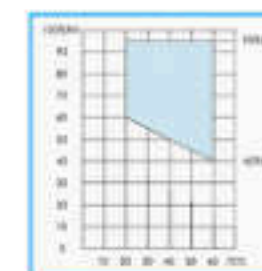
Technical Parameters:

Model	BJPX-MS120A	BJPX-MS288A	BJPX-MS500A
Sterilization Type (Optional)	UV sterilization		
Capacity	173L	288L	516L
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	2pcs, 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)	700*842*1585mm	800*992*1685mm	1000*1072*1795mm
Package Size(W*D*H)	920*760*1740mm	1080*860*1860mm	1191*1070*1960mm
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.



Humidity Area Graph

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 30 steps available		
Display	LCD screen		
Power Supply	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional) (External transformer)		
Consumption	2400W	2900W	3400W
Shelves	2pcs, adjustable		
Standard Accessories	Shelves, LED lamp, built-in water tank, automatic water replenishment interface, miniature thermal printer		
Optional Accessories	Miniature pin printer, USB port, external temperature protection device		
Internal Size(W*D*H)	470*449*1178mm	490*460*1278mm	560*600*1198mm
External Size(W*D*H)	672*892*1825mm	691*907*1925mm	764*1032*1860mm
Package Size(W*D*H)	750*960*1960mm	770*970*2090mm	850*1100*2010mm
Net Weight	160kg	165kg	195kg
Gross Weight	185kg	195kg	228kg

Vacuum Drying Oven



Introduction:

Vacuum drying ovens are widely used in biochemistry, chemical pharmaceuticals, healthcare, agricultural research, and environmental protection. They are suitable for powder drying, baking, and sterilization of glassware, as well as efficient drying of heat-sensitive, easily decomposable, oxidizable, and complex-component materials.



Pressure gage



Adjustable door handle



Specialized rubber strip



Display

Features:

- * The housing is made of cold-rolled steel plate with electrostatic spray coating, and the inner chamber has rounded corners for easy cleaning.
- * The door and chamber are sealed with a specially designed silicone gasket to maintain vacuum, while allowing easy opening in non-vacuum conditions.
- * The temperature control system uses a microcomputer PID design with an intelligent color LCD display, providing precise temperature regulation, timing, and over-temperature alarm functions.
- * The double-layered glass door allows clear observation of items inside the chamber.

Technical Parameters:

Model	BJPX-ZK25A	BJPX-ZK50A	BJPX-ZK25B	BJPX-ZK50B
Capacity	25L	50L	25L	50L
Temp. Range	RT+10~250℃			
Temp. Resolution	0.1℃			
Vacuum Degree	< 133Pa			
Working Chamber Material	201 stainless steel		304 stainless steel	
Standard Accessory	Shelf*2, vacuum tube			
Optional Accessory	Vacuum pump: 2XZ-2(AC 220V, 50Hz; 220V, 60Hz; 110V, 60Hz), printer, RS485 interface, remote control function, USB interface, programmable temperature controller			
Consumption	600W	1400W	600W	1400W
Power Supply	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)			
Internal Size(W*D*H)	300*300*275mm	415*370*345mm	300*300*275mm	415*370*345mm
External Size(W*D*H)	595*455*455mm	720*555*535mm	595*455*455mm	720*555*535mm
Package Size(W*D*H)	670*530*550mm	770*630*620mm	670*530*550mm	770*630*620mm
Net Weight	40kg	59kg	40kg	59kg
Gross Weight	45kg	65kg	45kg	65kg

Oven

Vacuum Drying Oven



BOV-30V/BOV-50V



BOV-90V/BOV-215V



BOV-90VL/BOV-215VL

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.

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: 2XZ-2(AC 220V, 50Hz, 220V, 60Hz; 110V, 60Hz), vacuum tube, external temperature protection device, LCD temperature controller, LCD temperature controller+RS485, LCD temperature controller+mini dot matrix printer, RS485 to USB converter		External temperature protection device*2, LCD temperature controller*2, LCD temperature controller*2+RS485, LCD temperature controller*2+mini dot matrix printer, RS485 to USB converter(BOV-90 series); External temperature protection device*3, LCD temperature controller*3, LCD temperature controller*3+RS485, LCD temperature controller*3+mini dot matrix printer, RS485 to USB converter(BOV-215 series)			
Internal Size(W*D*H)	296*300*270mm	416*370*348mm	450*450*450mm	556*600*640mm	450*450*450mm	556*600*640mm
External Size(W*D*H)	590*492*488mm	710*562*544mm	611*641*1398mm	721*794*1638mm	611*641*1398mm	721*794*1638mm
Package Size(W*D*H)	670*610*600mm		710*710*1550mm	940*810*1800mm	710*710*1550mm	940*810*1800mm
	2XZ-2: 580*215*367mm					
Net Weight	55kg	67kg	145kg	208kg	143kg	207kg
Gross Weight	65kg	79kg	171kg	245kg	168kg	244kg
	2XZ-2: 23kg					

Constant-Temperature Drying Oven



BJPX-HDO43/55/72/138



BJPX-HDO270

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 $\leq 1\%$.
- * 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°C~250°C				
Temp. Resolution	0.1°C				
Temp. Fluctuation	$\pm 1^\circ\text{C}$				
Temp. Uniformity	$\leq \text{Max temp.} \pm 3\%$				
Display	LCD display				
Heating Method	Bottom heating, natural convection				
Timing Range	1~9999min/h or continuous				
Standard Accessories	Shelf				
Optional Accessories	Shelf, USB port, printer				
Shelves	2pcs		3pcs		
Power Supply	AC 100~245V, 50/60Hz				AC 220V, 50/60Hz (Standard); 110V, 50/60Hz (Optional, external transformer)
Power	1500W				3000W
Inner Size(W*D*H)	368*350*335mm	370*370*430mm	390*400*450mm	500*500*550mm	660*590*700mm
External Size(W*D*H)	597*510*530mm	596*575*618mm	614*548*609mm	724*663*709mm	900*850*880mm
Packing Size(W*D*H)	690*710*660mm	720*710*730mm	830*700*800mm	870*795*850mm	1010*946*1050mm
Net Weight	35kg	28kg	45kg	60kg	86.5kg
Gross Weight	45kg	51kg	55kg	77kg	100kg

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	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer)			
Internal Size(W*D*H)	350*350*350mm	400*390*450mm	500*500*550mm	600*600*750mm
External Size(W*D*H)	635*615*552mm	680*653*631mm	830*665*772mm	930*765*972mm
Package Size(W*D*H)	770*630*690mm	830*680*780mm	920*750*900mm	1020*850*1110mm
Net Weight	45kg	54kg	73kg	106kg
Gross Weight	53kg	64kg	86kg	125kg

Forced Air Drying Oven



BJPX-HGZ23/45/54/75/88/138/160



BJPX-HGZ30L



BJPX-HGZ225/270

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.

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	1~9999min/h or continuous	1~9999min/h	1~9999min/h or continuous			
Shelves	2pcs					3pcs
Display	LCD					
Standard Accessories	Shelf					
Optional Accessories	Shelf, USB port, printer, RS485	Shelf, caster	Shelf, USB port, printer, RS485			
Power Supply	AC 100~245V, 50/60Hz	AC 220V, 50/60Hz (Standard); 110V, 50/60Hz(Optional)	AC 100~245V, 50/60Hz			
Consumption	645W	1000W	1545W			
Internal Size(W*D*H)	290*270*300mm	310*310*310mm	370*358*340mm	370*340*440mm	463*352*463mm	500*360*490mm
External Size(W*D*H)	500*410*540mm	440*495*670mm	600*630*520mm	600*620*630mm	690*615*630mm	730*640*660mm
Package Size(W*D*H)	650*660*580mm	550*580*830mm	720*710*730mm	720*710*730mm	830*700*800mm	830*700*800mm
Net Weight	35kg	38kg	40kg	43.5kg	47kg	50.5kg
Gross Weight	50kg	50kg	55kg	55kg	60kg	63kg

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	1~9999min/h or continuous			
Shelves	3pcs			
Display	LCD			
Standard Accessories	Shelf			
Optional Accessories	Shelf, USB port, printer, RS485			
Power Supply	AC 100~245V, 50/60Hz	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer)		
Consumption	1545W	2000W	3000W	
Internal Size(W*D*H)	555*453*555mm	558*500*578mm	600*520*728mm	660*590*700mm
External Size(W*D*H)	780*705*720mm	785*764*777mm	826*780*900mm	900*890*880mm
Packing Size(W*D*H)	870*795*850mm	830*895*990mm	946*850*1050mm	1010*946*1050mm
Net Weight	60kg	68.5kg	77kg	86.5kg
Gross Weight	77kg	82kg	92kg	100kg

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℃		±1℃
Temp. Fluctuation	±0.5℃		±1℃
Temp. Fluctuation	±3.0%		±3.5%
Timing Range	0~5999min		0~9999min
Display	LCD		LED
Alarm	Over-temperature alarm, temperature probe damage alarm		
Material	External cold-rolled steel with painting; internal stainless steel		
Ambient Temp.	5~40℃		
Power Supply	AC 380V, 50/60Hz		
Consumption	3250W	4050W	8000W
Shelves	2pcs		3pcs
Optional Accessories	Printer/RS485 /USB		/
Internal Size(W*D*H)	350*350*400mm	450*450*450mm	602*500*753mm
External Size(W*D*H)	890*700*920mm	990*790*990mm	1070*770*1122mm
Package Size(W*D*H)	1010*820*1150mm	1100*920*1210mm	1200*890*1280mm
Net Weight	153kg	180kg	174kg
Gross Weight	198kg	247kg	204kg

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	35L	53L	87L	149L	248L
Temp. Range	Incubator: RT+5~80°C; Oven: 80~220°C	Incubator: RT+5°C~80°C; Oven: 80°C~200°C			
Temp. Uniformity	±3%(@100 °C)		Incubator: ≤±1°C; Oven: ≤±2.5%		
Temp. Fluctuation	Incubator: ±0.5°C; Oven: ±1°C		±0.5°C		
Temp. Precision	0.1°C				
Circulation Mode	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	AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional)				
Consumption	850W	700W	1200W	1500W	2000W
Shelves	2pcs				
Optional Accessories	USB/Printer(Choose one)		Independent external temperature protection device		
Internal Size(W*D*H)	340*325*320mm	357*356*419mm	420*416*499mm	498*500*600mm	598*582*713mm
External Size(W*D*H)	620*490*490mm	540*615*750mm	604*674*830mm	680*771*935mm	782*855*1045mm
Package Size(W*D*H)	780*650*580mm	600*720*900mm	670*740*990mm	740*840*1080mm	860*940*1210mm
Net Weight	27kg	48kg	60kg	78kg	99kg
Gross Weight	30kg	56kg	71kg	92kg	116kg