

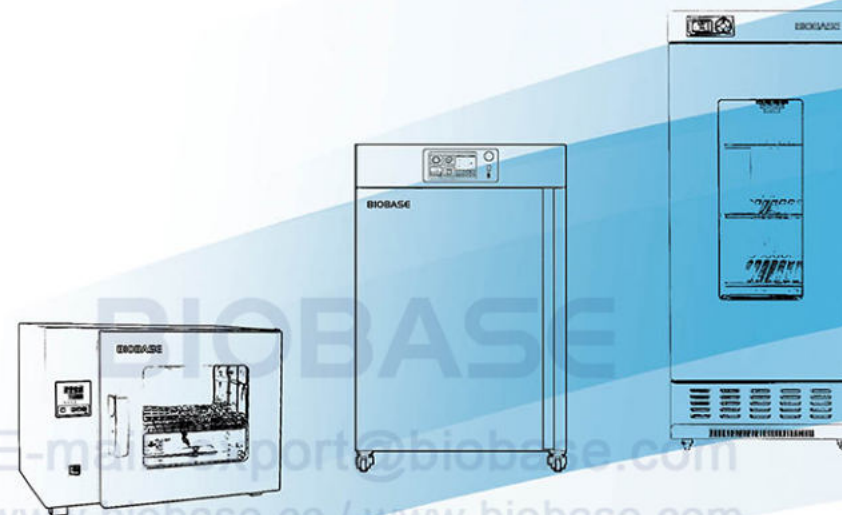
BIOBASE®

Incubator & Oven

BIOBASE

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About Us

BIOBASE Group, as a professional manufacturer of laboratory and medical equipment, supplies one-stop solution. During long-term friendly bilateral cooperation with customers, BIOBASE is always being trusted. The customers purchase BIOBASE products, in the meantime, more and more customers were willing to buy a variety of items from BIOBASE.

In order to meet customer needs and ensure the interests of customers, BIOBASE made field visits to many suppliers in China, to ensure product quality and get competitive price. Now, BIOBASE has developed many OEM partners and will keep searching for more suppliers upon customers' requests.

BIOBASE provides one-stop solution, which can not only reduce the resourcing cost, but also can ensure good quality and sufficient aftersales service.



ISO9001



ISO13485



CE

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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:

- * Air jacket: with 90°C steam sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality HEPA filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable gas concentration and less consumption of gas.
- * Push-pull shelves with holes ensures better temperature uniformity.
- * Microcomputer controller, LCD displays temperature, CO₂ concentration, run-time and timing.
- * Three Liters water reservoir in the bottom chamber ensures high humidity.

Technical Parameters:

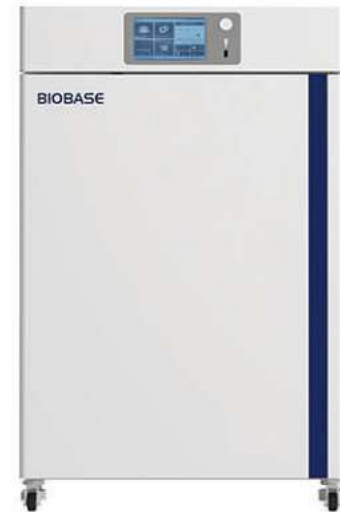
Model	BJPX-C100M	BJPX-C160M	BJPX-C200M	BJPX-C260M	BJPX-C300M
Type	Air Jacket				
Capacity (L)	100	160	200	260	300
Temp. Sensor	PT100				
Temp. Range	RT+5~60°C				
Temp. Fluctuation	±0.2°C(at 37°C)				
Temp. Uniformity (°C)	±0.3°C(at 37°C)				
CO ₂ Control	IR sensor (VAISALA), NIST certificate				
CO ₂ Range	0~20%				
CO ₂ Control Resolution	±0.1%				
Resolution (vol%)	±0.1%				
CO ₂ Uniformity (vol%)	±0.2%				
Ambient Temperature (°C)	5~30°C, Suggest 25±2°C				
Filter	HEPA filter				
Internal Size(W*D*H) mm	407*415*615	457*470*753	505*470*857	557*475*997	567*500*1068
External Size(W*D*H) mm	632*740*894	682*796*1030	730*796*1134	782*805*1274	792*830*1344
Shelves	2 pcs/ adjustable			3 pcs/ adjustable	
Data Store	USB interface				
Display	7.0" touch screen				
Sterilization	90°C steam sterilization				
Power Supply	220V,50/60Hz(Standard);110V,60HZ(Optional)				
Consumption (W)	800	820	840	1380	1800
Packing Size(W*D*H)mm	757*865*1055	807*921*1190	855*921*1294	907*930*1434	917*955*1504
Gross Weight(kg)	120kg	135kg	155kg	190kg	210kg

Incubator

CO₂ Incubator

Features:

- * Water tank for humidity in the chamber.
- * Air jacket: equipped with UV Lamp for sterilizing;
Water jacket: equipped with HEPA filter.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality CO₂ gas filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- * Microcomputer controller, LCD displays temperature curve, CO₂ concentration, run-time and timing.
- * High quality infrared sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.



LCD touch screen



CO₂ gas filter



HEPA filter (for water jacket)

Technical Parameters:

Model	BJPX-C50	BJPX-C80	BJPX-C160		
Capacity	50L	80L	160L		
Heating	Air jacket	Air jacket	Water jacket	Air jacket	Water jacket
Temp. Range	RT+5~60°C				
Control Type	Microcomputer controller				
Temp. Fluctuation	≤ ±0.2°C (at 37°C)				
Temp. Uniformity	≤ ±0.3°C (at 37°C)				
Time Setting	999h or continuous				
Alarm	Audible and visual alarm; over-temperature alarm; CO ₂ concentration alarm.				
Shelves	2 pcs/adjustable				
Material	External cold-rolled steel with painting; internal stainless steel				
Door	With inner door and external door				
CO ₂ Range	Infrared sensor, range 0~20%				
CO ₂ Control Resolution	0.1%				
Humidification Type	Water tank for natural evaporation				
Sterilization Type	UV lamp				
Ambient Temp. & Humidity	18~30°C, suggest 25±2°C; relative humidity ≤80%				
Caster	Footmaster caster				
Consumption	350W	600W	875W	650W	1000W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)				
Internal Size (W*D*H)mm	337*338*443	377*410*524	428*412*522	477*473*711	528*512*722
External Size(W*D*H)mm	500*527*821	600*596*921	647*593*1070	700*666*1101	747*694*1260
Packing Size (W*D*H)mm	655*685*970	735*735*1070	725*780*1225	795*835*1250	824*877*1425
Gross Weight(kg)	68	83	108	108	145

CO₂ Incubator

Features:

- * Air jacket: with 90°C steam sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality CO₂ gas filter ensures the inside air quality.
- * SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- * Push-pull shelves with holes ensures better temperature uniformity.
- * Microcomputer controller, LCD displays temperature curve, CO₂ concentration, run-time and timing.
- * Three Liters water reservoir in the bottom chamber ensures high humidity.



LCD touch screen



USB port



Push-pull shelves with holes

Technical Parameters:

Model	BJPX-C50II	BJPX-C80II	BJPX-C160II
Capacity	50L	80L	160L
Heating	Air jacket		
Temp. Range	RT+5~60°C		
Control Type	Temperature and humidity transmitter		
Temp. Fluctuation	≤ ±0.2°C(at 37°C)		
Temp. Uniformity	≤ ±0.3°C (at 37°C)		
Time Setting	999h or continuous		
Alarm	Audible and visual alarm; over-temperature alarm; CO ₂ concentration alarm.		
Shelves	2 pcs/adjustable		
Material	External cold-rolled steel with painting; internal stainless steel		
Door	With inner door and external door		
CO ₂ Range	Infrared sensor, range 0~20%;		
CO ₂ Control Resolution	0.1%		
Humidification Type	Water reservoir in the bottom chamber ensures high humidity(90%≤relative humidity≤99%)		
Sterilization Type	With 90°C moist heat decontamination function (95%≤humidity ≤99%RH)		
Ambient Temp. & Humidity	18~30°C, suggest 25±2°C; relative humidity ≤80%		
Caster	Footmaster caster		
Consumption	300W	650W	700W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)		
Internal Size (W*D*H)mm	308*392*442	368*452*517	468*552*648
External Size(W*D*H)mm	551*713*765	611*773*841	711*853*991
Packing Size (W*D*H)mm	681*843*840	705*867*978	805*967*1128
Gross Weight(kg)	85	93	120

Low Temperature CO₂ Incubator

Features:

- * Air jacket: equipped with cooling and heating function.
- * LCD display screen, timing segment control procedure.
- * High quality infrared sensor for accurate CO₂ concentration.
- * Three liters water reservoir in the bottom chamber ensures high humidity.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality CO₂ gas filter ensures the inside air quality.
- * SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- * Push-pull shelves with holes ensures better temperature uniformity.
- * Microcomputer controller, LCD displays temperature, CO₂ concentration, run-time and timing.

Standard Accessories: * USB port



LCD display screen



Push-pull shelves with holes



Technical Parameters:

Model	BJPX-C80III	BJPX-C160III
Capacity	80L	160L
Heating	Air jacket	
Temp. Range	10~60°C	
Control Type	Microcomputer controller	
Temp. Fluctuation	≤ ±0.3°C (at 37 °C)	≤ ±0.2°C (at 37°C)
Temp. Uniformity	≤ ±0.5°C (at 37 °C)	≤ ±0.3°C (at 37°C)
Time Setting	999h or continuous	
Refrigerant	R134a (CFC-free, eco-friendly)	
Alarm	Audible and visual alarm; over-temperature alarm; CO ₂ concentration alarm.	
Shelves	2 pcs/adjustable	
Material	External cold-rolled steel with painting; internal stainless steel	
Door	With inner door and external door	
CO ₂ Range	Infrared sensor, range 0~20%;	
CO ₂ Control Resolution	0.1%	
Humidification Type	Water reservoir in the bottom chamber ensures high humidity (90%≤relative humidity ≤99%)	
Sterilization Type	UV lamp sterilization	
Ambient Temp & Humidity	18~30°C, suggest 25±2°C; relative humidity ≤80%	
Caster	Footmaster caster	
Consumption	Cooling 300W; heating 750W	Cooling 300W; heating 900W
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110±10%, 60Hz (Optional)	
Internal Size (W*D*H)mm	470*362*500	588*470*620
External Size (W*D*H)mm	689*729*1241	810*748*1330
Packing Size (W*D*H)mm	820*820*1390	904*842*1467
Gross Weight (kg)	115	198

Tri-Gas CO₂ Incubator

Features:

- * Air jacket: with 90°C steam sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared/ZrO₂ sensor for accurate CO₂/O₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality HEPA filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable gas concentration and less consumption of gas.
- * Push-pull shelves with holes ensures better temperature uniformity.
- * Microcomputer controller, LCD displays temperature, CO₂/O₂ concentration, run-time and timing.
- * Three Liters water reservoir in the bottom chamber ensures high humidity.



LCD Display



USB Port



Push-pull Shelves With Holes

Technical Parameters:

Model	BJPX-C80T	BJPX-C160T
Capacity	80L	160L
Temp. Range	RT +5~60 °C	
Control Type	Microcomputer controller	
Temp. Fluctuation	≤ ±0.3°C	
Temp. Uniformity	≤ ±0.5 °C	
Time Setting	999h or continuous	
Alarm	Audible and visual alarm; Over-temperature alarm; gas Concentration alarm, Low water level alarm.	
Shelves	3 pcs/ adjustable	
Material	External cold-rolled steel with painting; internal stainless steel	
Door	With inner door and external door	
CO ₂ Range	Infrared sensor, range 0~20%	
CO ₂ Control Resolution	0.1%	
O ₂ Range	ZrO ₂ sensor, range 3-20% /22-85%	
O ₂ Control Resolution	0.2%	
Humidification Type	Water reservoir in the bottom chamber ensures high humidity (90%≤relative humidity≤99%)	
Sterilization Type	With 90°C moist heat decontamination function (95%≤humidity≤99%RH)	
Ambient Temp. & Humidity	18~30°C, suggest 25±2°C; relative humidity ≤80%	
Caster	Foot master caster	
Consumption	750 W	800 W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)	
Internal Size(W*D*H)mm	410*387*505	492*497*662
External Size(W*D*H)mm	608*707*785	688*797*955
Packing Size(W*D*H)mm	732*811*937	841*1103*1141
Gross Weight(kg)	85	120

CO₂ Incubator



Applications:

The CO₂ incubator is widely used in the research and production of medicine, immunology, oncology, genetics, microbiology, agricultural science, and pharmacology, and has become one of the most commonly used conventional instruments in laboratories.

Features:

- * Air jacket: with 140/160 °C hot air sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared CO₂ sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality HEPA filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable gas concentration and less consumption of gas.
- * The internal components do not need to be disassembled during sterilization, which is convenient and simple to use.

Technical Parameters:

Model	BJPX-C160D
Capacity	160L
Temp. Range	RT +5 ~ 60 °C
Control Type	Microcomputer controller
Temp. Fluctuation	±0.2 °C (at 37°C)
Temp. Uniformity	±0.3 °C (at 37°C)
Time Setting	0-999h or continuous
Alarm	Audible and visual alarm; over-temperature alarm; gas Concentration alarm
Shelves	2 pcs/ adjustable
Material	External cold-rolled steel with painting; internal stainless steel
Door	Single door with heating function
CO ₂ Range	Infrared sensor, range 0~20%
CO ₂ Control Resolution	0.1%
Humidification Type	Water tank for natural evaporation
Sterilization Type	With 140/160 °C hot air sterilization function
Ambient Temp. & Humidity	5~30°C, suggest 25±2°C; relative humidity ≤80%
Caster	Foot master caster
Consumption	700 W/1550W (Hot air sterilization)
Accessory	Standard: 5.0 inch touch screen, CO ₂ two-stage pressure reducing valve, USB port, HEPA filter, Water tank
Power Supply	AC220V±10%, 50/60Hz(Standard), AC110±10%, 60Hz(Optional)
Internal Size(W*D*H)mm	460*551*646
External Size(W*D*H)mm	710*786*1107
Packing Size(W*D*H)mm	810*900*1255
Gross Weight(kg)	135

Constant Temperature and Humidity Incubator



Applications:

The constant temperature and humidity box 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

Technical Parameters:

Model	BJPX-HT100B	BJPX-HT150B	BJPX-HT200B	BJPX-HT250B	BJPX-HT400B
Capacity (L)	100	150	200	250	400
Control Type	Microcomputer PID controller				
Temp. Range	0~60°C				
Temp. Fluctuation	±0.5°C				
Temp. Uniformity	±1.0°C (at 37°C)				
Humidity Range	50~95%RH				
Humidity Fluctuations	±3~±5%RH				
Humidification Method	Built-in humidification system				
Refrigeration System	Famous brand compressor, R134a				
Heating System	Stainless steel heater				
Time Setting (h)	0~999:59				
Power Supply	AC220V±10%, 50Hz (Standard), AC110±10%, 60Hz (Optional)				
Material	External cold-rolled steel with painting; internal stainless steel				
Shelves	2 pcs/ adjustable				
Accessory	Standard: USB port / Testing port Optional: UV lamp / BOD Socket / Printer				
Consumption	1200W	1200W	1400W	1500W	1700W
Internal Size(W*D*H) mm	500*350*580	550*401*690	600*450*750	660*450*850	658*500*1238
External Size(W*D*H) mm	644*647*1170	690*697*1270	742*743*1340	802*743*1440	845*800*1805
Packing Size(W*D*H) mm	790*795*1350	820*820*1450	880*880*1520	945*880*1720	995*940*1905
Net Weight(kg)	98.5	115	120	135	200
Gross Weight(kg)	117	135	148	165	235

Constant Temperature and Humidity Incubator



LCD Display



USB Port (Optional)

Introduction:

The constant temperature and humidity box 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:

- * CFC-free refrigeration design, green and environmental protection.
- * With power-off parameter memory function
- * The arc angle design of the chamber is easy to clean.
- * Pullable movable shelves with adjustable spacing.
- * Equipped with casters, easy to move.
- * The fan generates micro air circulation to improve temperature uniformity.
- * Shell material: cold-rolled sprayed steel plate; internal material: SUS304 stainless steel.
- * Equipped with LED lamp.
- * Optional accessories:
 Micro printer, can print temperature data.
 USB interface, temperature data can be exported.
 Automatic water supply system.

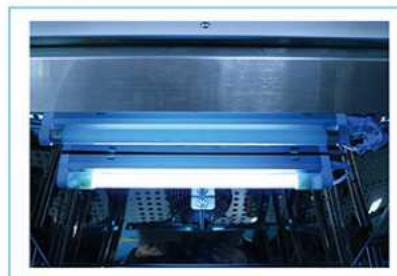
Technical Parameters:

Model	BJPX-HT80 BII	BJPX-HT100 BII	BJPX-HT150 BII	BJPX-HT200 BII	BJPX-HT250 BII	BJPX-HT300 BII	BJPX-HT400 BII
Capacity (L)	80	100	150	200	250	300	400
Control Type	LCD display, Microcomputer PID controller						
Temp. Range	0°C~65°C						
Temp. Fluctuation	±1°C						
Temp. Uniformity	±2°C						
Humidity Range	50% ~ 90%RH						
Humidity Fluctuation	±5%~8%RH						
Display Accuracy	0.1°C / 1%RH						
Humidification Method	Built-in humidification system						
Time Setting	0~9999min (h)						
Refrigerant	R134a					R134a	R404a
Consumption	1200W	1200W	1200W	1300W	1300W	1500W	1500W
Power Supply	AC220V±10%, 50/60Hz (Standard); AC110±10%, 60Hz (Optional)						
Socket Type	Typ1609						
Accessory	Standard: Socket / lamp; Optional: USB / Printer						
External Size(W*D*H) mm	540*580*1110	540*580*1230	590*630*1390	590*660*1540	620*700*1610	660*700*1710	720*760*1810
Internal Size(W*D*H) mm	400*370*560	400*370*680	450*420*850	450*450*1000	480*490*1070	520*500*1170	580*540*1270
Packing Size(W*D*H) mm	680*730*1290	680*730*1410	730*770*1570	730*800*1720	760*850*1790	800*850*1890	860*900*1990
Net Weight(kg)	70	75	95	100	110	120	140
Gross Weight(kg)	85	90	125	140	150	160	175

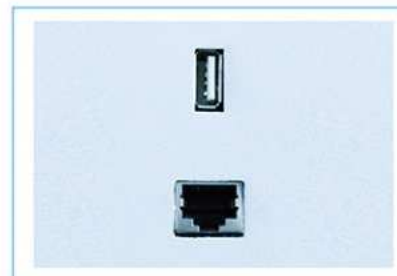
Multifunctional Incubator



LCD Display



UV&LED lamp



USB LAN Port

Application:

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 operation monitoring.

Technical Parameters:

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

Constant-Temperature Incubator



Applications:

This product is used for storing bacteria, biological culture and other scientific research. Widely used in scientific research, colleges and universities, biology, agriculture and various laboratories, etc.



Features:

Machine Design:

- * Integrated design avoids destroying the stainless steel liner.
- * The unique airway design makes the temperature more uniform.

Interior Design:

- * The interior is made of high-quality brushed stainless steel with semi-circular four-corner design for easy cleaning.
- * Anti-slip diaphragm design, spacing adjustment, to avoid the sample falling off when pulling the diaphragm.

Temp Control:

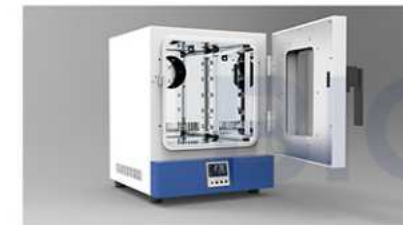
- * PT100 temp sensor, using special temp-collecting technology, fast response, great anti-interference ability.

Heat Preservation:

- * Each side of the inner is wrapped with aluminum foil, and the gap between the propyl bile and the partition is filled with high-quality thermal insulation cotton.
- * Fast heating, good insulation effect, temperature is more uniform.

Safety Protection:

- * Configure leakage current protector, overvoltage protector and over temperature alarm.
- * Increase the temperature control, when the temp is too high, the switch is disconnected, to prevent the high temperature damage.



Technical Parameters:

Model	BJPX-H30L
Capacity	30L
Temperature Control Method	PT100
Temperature Range	RT+5~85°C
Temperature Fluctuation	±0.2°C (at 37°C)
Temperature Uniformity	±0.5°C (at 37°C)
Circulation Mode	4 sides heating, forced convection
Ambient Temperature	5~30°C, recommend 25°C+2°C
Timing Range	0~9999min/h
Shelves	2pcs
Power Consumption	150W
Display	LCD
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110+10%, 60Hz(Optional)
Internal Size(mm)	310*310*310
External Size(mm)	432*538*570
Packing Size(mm)	510*680*620
Gross Weight(kg)	40

Touch Screen Constant-Temperature Incubator



Double-layer Door (D type)



Glass Viewing Window Door (G type)

Standard Accessories:



Test port

Optional Accessories:



Base stand



Footmaster Caster



UV lamp

Applications:

This product is used for storing bacteria, biological culture and other scientific research. Widely used in scientific research, colleges and universities, biology, agriculture and various laboratories, etc.



Features:

- * Large LCD touch screen.
- * D type: with inner glass door.
G type: with viewing window.
- * Microprocessor controller.
- * Stainless steel chamber.

Safety Functions:

- * Over temperature alarm.
- * Independent limit temperature alarm system.
- * Leakage current and over-voltage protector.

Technical Parameters:

Model	BJPX-H54BK(D/G)	BJPX-H88BK(D/G)	BJPX-H160BK(D/G)	BJPX-H200BK(G)	BJPX-H270BK(G)
Capacity	54L	88L	160L	200L	270L
Temperature Control Method	PT100				
Temperature Range	RT+5~85°C				
Temperature Stability	±0.5°C (at 37°C)				
Temperature Uniformity	±1°C (at 37°C)				
Ambient Temperature	5~30°C, recommend 25°C±2°C				
Timing Range	0~99.9h				
Shelves	2pcs/adjustable				
Power Consumption	345W		495W	645W	
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)				
Internal Size(W*D*H)mm	395*346*395	500*364*500	558*518*600	598*638*548	665*720*600
External Size(W*D*H)mm	D type: 536*588*681	D type: 650*573*793	D type: 718*732*890	725*809*830	791*859*912
	G type: 522*626*587	G type: 627*621*692	G type: 685*779*790		
Package Size(W*D*H)mm	D type: 606*648*818	D type: 720*630*930	D type: 788*792*1027	830*895*990	900*945*1075
	G type: 592*676*724	G type: 697*671*829	G type: 755*829*927		
Gross Weight(kg)	D type: 51	D type: 65	D type: 89	85.5	100
	G type: 44	G type: 51	G type: 69		

Constant-Temperature Incubator

Features:

- * Microcomputer-based smart temperature controller.
- * LCD display for setting temperature and the temperature in the chamber, parameter memory and recovery function for the purpose of protection against power failure, computer system halt and data loss; protection and alarming against excessive temperature, failure of sensors, creep and , over-current; sound & light alarming; timing function.
- * Separate temperature limiting and alarming system, automatic suspension in time of exceeding temperature limit (optional).
- * UV sterilizing system (optional).
- * RS-485 portal, 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
Temp.Range	RT+5~65°C			
Temp.Resolution	0.1			
Temp.Fluctuation	±0.5°C			
Temp. Uniformity	±1°C(37°C)			
Time Range	1~9999mins			
Shelves(Standard)	2pcs			
Consumption	250W	300W	400W	600W
PowerSupply	AC220V±10%, 50/60Hz(Standard) AC110±10%, 60Hz(Optional)			
Internal Size(mm)	350*360*410	400*400*500	500*500*650	600*600*750
External Size(mm)	450*520*680	500*560*760	600*620*910	720*690*1020
Packing Size (mm)	550*620*780	600*660*860	700*720*1010	820*790*1120
Gross Weight (kg)	40	47	70	90

Constant-Temperature Incubator

Features:

- * LCD display.
- * Microcomputer temperature controller.
- * Double door design and magnetic door sealing.
- * Castors are equipped for easy movement.
- * The working chamber adopts round angle structure, easy to clean.

Safety Functions:

- * Over temperature protection, temperature sensor malfunction alarm.
- * Parameters can be saved automatically when power off or system error.



Technical Parameters:

Model	BJPX-H35	BJPX-H50II	BJPX-H80II	BJPX-H160II	BJPX-H270II
Capacity	35L	48L	84L	160L	270L
Temp. Range	RT+5~65°C		RT+5~60°C		
Temp. Fluctuation	±0.3°C		±0.3°C		
Time Range	0~5999mins		1~9999mins		
Shelves	2pcs/adjustable			3 pcs/adjustable	
Consumption	200W	437W	502W	580W	688W
Power Supply	Standard:AC220V,50/60Hz; Optional:AC220V,60Hz; AC110V,60Hz		AC220V,50/60Hz(Standard); AC110,60Hz(Optional)		
Internal Size(mm)	340*320*320	350*348*400	410*405*510	505*455*700	600*600*750
External Size(mm)	620*490*490	510*548*740	570*590*850	673*645*1033	768*795*1083
Package Size(mm)	740*600*670	590*650*930	730*700*1030	800*800*1210	930*940*1250
Gross Weight(kg)	31	50	75	99.5	150

Biochemistry Incubator



Safety Functions:

- * Temperature protection threshold value can be set.
- * Auto-off protection and alarm for abnormal situation.
- * Parameters can be saved automatically when power off or system error.

Features:

- * LCD touch screen.
- * Double door design.
- * Polished stainless steel chamber.
- * Round angle structure, easy to clean.
- * Universal castors for easy movement.
- * CFC-free environmental friendly refrigerant.
- * Auto defrost and manual defrost both available
- * Microprocessor PID temperature control: accurate and reliable.
- * BOD socket integrated inside for additional small equipment.

Technical Parameters:

Model	BJPX-B100	BJPX-B150	BJPX-B200	BJPX-B250
Capacity	100L	150L	200L	250L
Temp. Range	0~60°C			
Temp. Fluctuation	±1°C			
Temp. Uniformity	±2°C at 37°C			
Shelves (standard)	2			
Time Range	0~999h59min			
Refrigerant	R134a (CFC free, eco-friendly)			
Working Type	Continuous			
Standard Accessory	BOD socket, built-in printer, 2 test ports, lock			
Optional accessories	USB port			
Consumption	1200W		1400W	1500W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)			
Internal Size(mm)	500*350*580	550*401*690	600*450*750	660*450*850
External Size(mm)	644*647*1170	690*692*1270	742*743*1340	802*743*1440
Packing Size(mm)	769*772*1327	815*817*1327	865*867*1497	865*927*1597
Gross Weight(kg)	105	120	130	145



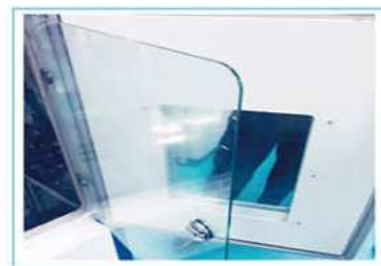
LCD touch screen



Built-in printer



Test port



Double door

Biochemistry Incubator



Application:

This product is suitable for environmental protection, sanitation and epidemic prevention, drug inspection, agriculture and livestock, aquatic products and other scientific research, universities, and production departments. This product is a special constant temperature device for water body analysis and BOD determination, bacteria, mold, microorganism cultivation, preservation, plant cultivation, and breeding experiments. (The temperature setting at 20~37°C can be used to eliminate the crystallization of mannitol solution)

Features:

- * The refrigeration adopts a new fluorine-free design to ensure environmental protection.
- * With parameter memory function, automatically resume operation.
- * The inner box is designed with a circular arc structure, which is easy to clean.
- * Pullable movable shelves with adjustable spacing.
- * Equipped with casters, easy to move.
- * The temperature is controlled by microcomputer technology, which is accurate and reliable. It adopts liquid crystal display, and the current working status is displayed on the screen.

- * Light touch adjustment switch operation, light and flexible. Equipped with over-temperature alarm device.
- * The fan in the box forms forced convection, which makes the average temperature in the working room better.
- * The box body is made of high-quality steel plate, and the surface is sprayed. The inner tank is made of high-quality stainless steel.
- * The inner box is equipped with a lighting device for easy observation.
- * The chamber door of the studio is magnetically sealed, and is equipped with a hollow glass observation window, which has good sealing performance and is convenient to close. It can directly observe the culture in the working chamber.
- * Equipped with a power socket, which can provide power for BOD testing equipment, oscillators and other small instruments installed in the incubator.
- * A variety of additional function options:
 1. Micro printer, paper record of temperature data.
 2. USB data output port, electronic file recording of temperature data.

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(L)	80	100	150	200	250	300	400
Temperature Control Range	0~65°C						
Temperature Fluctuation	±1°C						
Temperature Nonuniformity Value	±2°C						
Timing Range	0~9999min/h						
Rated Power(W)	1000			1200		1400	
Refrigerant	R134a					R134a	R404a
Power Supply	Standard: 220V,50Hz; Optional: 110V,50Hz						
Shelves	2pcs/adjustable						
Working Time	Continuous						
Outer Size(mm)	540*580*1100	540*580*1220	590*630*1380	590*660*1530	620*700*1600	660*700*1700	720*760*1800
Chamber Size(mm)	400*370*560	400*370*680	450*420*850	450*450*1000	480*490*1070	520*500*1170	580*540*1270
Packing Size(mm)	680*730*1290	680*730*1410	730*770*1570	730*800*1720	760*850*1790	800*850*1890	860*900*1990
Gross Weight(kg)	80	85	120	138	147	157	170
Standard Accessories	Socket, Light						
Optional Accessories	USB, Print						
Remarks	* The performance parameter test is under no-load conditions, the ambient temperature is 20°C; the ambient humidity is 50%RH * Cannot be used for long-term refrigeration storage						

Lighting Incubator

Features:

- * Large LCD screen.
- * Forced-air convection.
- * Microprocessor controller.
- * Universal casters with lock for easy movement.
- * Double door design, inner door is tempered glass, outer door is with viewing window (For BJPX-L200BK).
- * There is a door in front, left and right of the body, which can be controlled to open, replace the lamp tube, and good insulation (For BJPX-L200BKII).
- * Using LED cold light source, the irradiation surface is more uniform, its own heat is very little, making the temperature more stable.
- * Polished stainless steel chamber.

Safety Functions:

- * Over temperature alarm.
- * Independent limit temperature alarm system.
- * Leakage current and over-voltage protector.



BJPX-L200BK

BJPX-L200BKII



Large LCD screen



Mechanical lock



Test port

Technical Parameters:

Model	BJPX-L200BK	BJPX-L200BKII
Lighting Type	Top lighting	Three-sided illumination
Capacity	200L	
Display	LCD	
Circulation Mode	Forced convection	
Temp. Range	With illumination: 10~60 °C, Without illumination: 0~60 °C	
Temperature Resolution	0.1°C	
Temperature Fluctuation	±0.5°C	
Temperature Deviation	±1.0°C	
Lighting Illumination	Top vertical LED cold light source (0 ~ 20000lux; 10- grade adjustable)	Three sides (left, right, front) LED cold light source (0 ~ 20000lux; 5-grade adjustable)
Ambient Temp.	0~40°C	
Continuous Working Time	No less than 180h	
Refrigerant	R134a (CFC-free)	
Shelves	2pcs(One with LED cold light source, one without)	2pcs
Heating Power	900W	
Cooling Power	300W	
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110V±10%, 60Hz(Optional)	
Internal Size (mm)	548*476*778	548*476*778
External Size(mm)	750*760*1500	750*760*1500
Package Size(mm)	870*885*1645	870*885*1675
Gross Weight(kg)	200	220

Lighting Incubator

Features:

- * Microprocessor PID control, accurate and stable.
- * Magnetic door sealing.
- * LED display for BJPX-L series, LCD display for BJPX-LII series.
- * CFC-free refrigerant, eco-friendly and highly efficient.

Safety Functions:

- * Over temperature protection.
- * Temperature sensor for open circuit or short circuit protection.
- * Parameters can be saved automatically when power off or system error.



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

Optional Accessories: Printer (only for BJPX-LII series)

Notice: Please don't keep setting the temperature lower than 20°C for more than 160h.

Technical Parameters:

Model	BJPX-L150/II	BJPX-L250/II	BJPX-L300/II	BJPX-L400/II
Capacity	159L	248L	290L	402L
Lighting Type	BJPX-L series: 2-side illumination; BJPX-LII series: 3-side illumination			
Temp. Range	With illumination: 10~50°C, Without illumination: 5~50°C			
Temp. Fluctuation	±0.5°C			
Temp. Uniformity	±2°C			
Lighting Illumination	BJPX-L150/250/300/400: 0~6000 Lux (6-grade adjustable); BJPX-L150II/250II/300II/400II: 0~12000 Lux (5-grade adjustable); BJPX-450II: 0~15000 Lux (6-grade adjustable)			
Ambient Temp.	5~35°C			
Continuous Working Time	≥180h			
Refrigerant	R134a (CFC free, eco-friendly)			
Shelves	3 pcs/adjustable			
Consumption	1000W	1500W	2000W	2500W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)			
Internal Size(W*D*H) mm	420*420*928	470*449*1178	490*464*1278	560*600*1198
External Size(W*D*H) mm	621*752*1575	672*792*1825	685*780*1920	755*905*1840
Package Size(W*D*H) mm	710*860*1740	770*890*1990	790*900*2100	870*1050*2040
Gross Weight(kg)	148	158	178	200

Climate Incubator



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

Features:

- * The upgraded equipment shell is sprayed with cold-rolled steel plate, and the whole is sealed and insulated.
- * Microcomputer program control, to the greatest extent meet the user's control parameter settings.
- * The refrigeration unit of the equipment adopts well-known brand compressors and uses fluorine-free environmentally friendly refrigerants. Intelligent temperature adjustment method, precise temperature control.
- * The control system has self-protection functions such as sound and light alarm, automatic interruption of operation beyond the set high temperature range, power failure, power recovery, etc., to protect the safety of samples and experimental environment.
- * An external large-capacity water tank is used for humidification with an ultrasonic humidifier.

Technical Parameters:

Model	BJPX-A1000CI	BJPX-A1500CI
Volume	1000L	1500L
Temperature Control Range	0~50°C(No Light 0~ 50 °C, Light 10 ~ 50 °C)	
Temperature Resolution	±0.1 °C	
Temperature Fluctuation Degree	±1 °C (Experimental conditions: no load, environmental temperature 20 °C, humidity 50% RH)	
Humidity Range	50-95%RH	
Humidity Control Accuracy	±1%RH	
Humidity Control Fluctuation	±5%RH ~±7%RH	
Light (lux)	20000lux	
Working Environment	10 ~ 30°C	
Time Setting	Timing 0-99 hours 59 minutes/continuous operation	
Power Supply	AC220V±10%, 50Hz(Standard); AC220V±10%, 60Hz(Optional)	
Consumption	2056W	3961W
Standard Shelf	3	3
External Size (W*D*H) mm	1300*780*1830mm	1810*690*1970mm
Internal Size (W*D*H) mm	1200*620*1200mm	1710*550*1400mm
Standard Accessories	* LED cold light lamp * Audible and visual alarm	* With the plant growth lamp * Over-temperature protection
Optional Accessories	* Carbon dioxide function * Remote alarm system * Multiple programming * Microcomputer printing	* Timing air exchange function * 485 interface * Data storage on USB flash disk
Packing Size (W*D*H) mm	1500*820*2150mm	2160*900*2080mm
Gross Weight	200kg	350kg

Climate Incubator



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

BJPX-A300III

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.

Safety Functions:

- * Over temperature protection.
- * Temperature sensor for open circuit or short circuit protection.
- * Parameters can be saved automatically when power off or system error.

Optional Accessories:

Printer (only for BJPX-AII series).

Notice:

Please don't keep setting the temperature lower than 20°C for more than 160h.

Technical Parameters:

Model	BJPX-A250/II	BJPX-A300/II	BJPX-A300III	BJPX-A400/II
Capacity	248L	290L	300L	403L
Lighting Type	BJPX-A series: 2-side illumination; BJPX-AII and AIII series: 3-side illumination			
Temp. Range	With illumination: 10~50°C, Without illumination: 5~50°C			
Temp. Fluctuation	±0.5°C		±1°C	±0.5°C
Temp. Uniformity	±2°C			
Humidity Range	With illumination: 50%~80% (18~45°C); Without illumination: 50%~90% (15~45°C)			
Lighting Illumination	BJPX-A250/300/400: 0~6000 Lux (6-grade adjustable) BJPX-A250II/300II/400II: 0~12000 Lux (5-grade adjustable) BJPX-A300III: 0~20000 (6-grade adjustable)			
Ambient Temp.	5~35°C			
Continuous Working Time	≥180h			
Shelves	3 pcs/adjustable			
Consumption	2400W	2900W	1500W	3400W
Power Supply	BJPX-A and AII series: AC220V, 50/60Hz(Standard); BJPX-AIII series: AC220V, 50Hz(Standard); AC220V,60Hz; AC110V,60Hz;(Optional)			
Internal Size(W*D*H) mm	470*449*1178	490*464*1278	520*550*1140	560*600*1198
External Size(W*D*H) mm	672*892*1825	691*907*1925	830*850*1850	764*1032*1860
Package Size(W*D*H) mm	800*1010*1990	790*1040*2090	950*930*2100	890*1150*2030
Gross Weight(kg)	148	158	300	200

Mould Incubator



Applications:

This series of products are widely used in medical and health, epidemic prevention and inspection, biopharmaceuticals, 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	100	150	200	250
Convection	Forced convection			
Humidity Fluctuation	±3~±5%RH			
Humidity Range	50~95%RH(Microcomputer PID control)			
Temp.Control Range	0~60°C(Microcomputer PID control)			
Temp.Resolution	0.1°C			
Temp.Fluctuation	±0.5°C			
Temp.Uniformity (at 37°C)	±1°C			
Humidification Method	Built-in humidification system (standard)			
Timing Range	1-5999min			
Sterilization Method	UV sterilization lamp (timeable setting)			
Refrigerant	R134a (CFC-free environmentally friendly refrigerant)			
Power	AC220V, 50/60Hz (Standard) ; AC110V, 60Hz (Optional)			
Input Power (W)	700-1500			
Accessories	Standard:USB interface,Remote PC port; Optional:External ultrasonic humidifier.			
Shelves (standard)	2	2	2	2
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



Applications:

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

Features:

- * Structural design: The box shell material is made of cold-rolled steel plate, which is environmentally friendly sprayed, and has strong corrosion resistance; the studio is made of SUS304 mirror stainless steel plate.
- * Energy-saving design: non-fluorine environmentally friendly high-efficiency refrigerant, fast cooling speed, high cooling efficiency, low power consumption.
- * Humanized design: the height of the shelf can be adjusted at will and free assembly; the outer door adopts a magnetic door seal with good airtightness; the outer door is equipped with an observation window.
- * Safety guarantee: The equipment is equipped with a leakage protection device and a buzzer alarm system.

Technical Parameters:

Model	BJPX-M100B	BJPX-M150B	BJPX-M200B	BJPX-M250B
Capacity	100	150	200	250
Humidity Fluctuation	±3~±5%RH			
Humidity Range	50~95%RH			
Temp.Control Range	0~85°C			
Temp.Resolution	0.1°C			
Temp.Fluctuation	0~18°C: ±1.0°C; 19~42°C: ±0.5°C; 43~85°C: ±1.0°C			
Temp.Uniformity (at 37°C)	±1°C			
Humidification Method	Built-in humidification system (standard)			
Timing Range	1-5999min			
Sterilization Method	UV sterilization lamp (timeable setting)			
Refrigerant	R134a (CFC-free environmentally friendly refrigerant)			
Power	AC220V, 50/60Hz (Standard) ; AC110V, 60Hz (Optional)			
Input Power (W)	700-1500			
Accessories	Optional :USB interface, Automatic water supply system			
Shelves (standard)	2			
Internal Size(W*D*H)	350*500*580mm	401*550*690mm	450*600*750mm	450*660*850mm
External Size(W*D*H)	647*644*1170mm	692*690*1270mm	743*742*1340mm	743*802*1440mm
Package Size(W*D*H)	790*795*1350mm	820*820*1450mm	880*880*1520mm	880*945*1720mm
Net Weight	98.5kg	115kg	125kg	135kg
Gross Weight	115kg	140kg	150kg	170kg

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

Mould Incubator



LCD Display



USB Port

Application:

This series of products are widely used in medical and health, epidemic prevention and inspection, biopharmaceuticals, 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	80	100	150	200	250	300	400
Temp.Control Range	0°C~65°C(Microcomputer PID control)						
Humidity Range	50%~90%RH(Microcomputer PID control)						
Temp.Uniformity	±2°C						
Temp.Fluctuation	±1°C						
Humidity Fluctuation	±5~8%RH						
Temperature and Humidity Display Accuracy	0.1°C / 1%RH						
Timing Range	0~9999min(h)						
Power Consumption	1200W	1200W	1200W	1300W	1300W	1500W	1500W
Refrigerant	R134a					R134a	R404a
Power	AC220V, 50/60Hz(Standard); AC110V,60Hz(Optional)						
Accessories	Standard: Socket, lighting; Optional:USB interface, Printer						
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
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
Package Size(W*D*H)	670*710 *1280mm	670*710 *1400mm	720*760 *1560mm	720*790 *1710mm	750*830 *1780mm	790*830 *1880mm	850*880 *1980mm
Net/Gross Weight	75/90kg	80/95kg	100/130kg	105/148kg	113/157kg	125/167kg	145/180kg

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

Small Capacity Thermostatic Shaking Incubator



BJPX-ST10-L/BJPX-ST11-L

BJPX-ST10/BJPX-ST11/BJPX-ST20

E-mail: export@biobase.com

www.biobase.cc / www.biobase.com

Features:

- * Three-sided transparent acrylic cover, easy to check the running condition of the box.
- * With the open door stop function, to protect the safety of personnel.
- * Professionally designed side air vent to meet the demand of oxygen.
- * 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.

Note:

1. The height of the container placed in the clamping rod shaking plate is no more than 360mm.
2. The total height of the tube placed in the tube rack is less than 300mm (if the tube has a stopper, the total height of the tube should be counted as the height of the stopper).

Technical Parameters:

Model	BJPX-ST10-L	BJPX-ST11-L	BJPX-ST10	BJPX-ST11	BJPX-ST20
Display	LCD		5 inch touch screen		
Circulation Mode	Forced convection				
Shaking Mode	Rotary shaking				
Drive Mode	Three axis balanced drive type				
Vibration Range	Φ26mm	Φ50mm	Φ26mm	Φ50mm	Φ26mm
Rotating Speed	30~300r/min				
Rotating Accuracy	±1r/min				
Temp. Range	RT+5~60°C				4~60°C
Temp. Control Accuracy	0.1°C				
Temp. Uniformity	≤±1°C(37°C)				
Temp. Fluctuation	≤±0.5°C				
Timing Range	0~9999min(h)		0~999h59min		
Shaking Plate Size	270*270mm	245*245mm	566*363mm	566*343mm	566*363mm
Max. Capacity	100ml*9 or 250ml*7 or 500ml*3 or 1000ml*2 (Flask clamp) 96-well plate*4(BJPX-ST10-L) 96-well plate*2(BJPX-ST11-L)		100ml*28 or 250ml*20 or 500ml*15 or 1000ml*11 or 2000ml*6 or 3000ml*5 (Flask clamp) tube rack*2 96-well plate*10 clamping rod shaking plate*1	100ml*28 or 250ml*18 or 500ml*15 or 1000ml*8 or 2000ml*6 or 3000ml*3 (Flask clamp) tube rack*2 96-well plate*10 clamping rod shaking plate*1	100ml*28 or 250ml*20 or 500ml*15 or 1000ml*11 or 2000ml*6 or 3000ml*5 (Flask clamp) tube rack*2 96-well plate*10 clamping rod shaking plate*1
Standard. Capacity	250ml*4 or 500ml*2 or 1000ml*1		250ml*12 or 500ml*10 or 1000ml*6 or 2000ml*4		
Ambient Temp.	15~35°C				
Curve Programming	Fixed value control temp velocity		Fixed and multi-stage control temp velocity		
Internal Material	304 stainless steel				
Optional Accessory	Micro printer, USB data export port				
Consumption	500W		800W		1000W
Power Supply	Standard: AC220V, 50Hz Optional: AC110V, 50/60Hz				
Internal Size	315*310*230mm		413*663*380mm		446*663*372mm
External Size	510*365*440mm		700*719*590mm		780*719*590mm
Package Size	490*630*590mm		830*840*730mm		910*840*730mm
Net Weight	31.5kg	33kg	64kg	90kg	89kg
Gross Weight	39kg	41.5kg	78kg	104kg	107kg

Small Capacity Thermostatic Shaking Incubator



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

Features:

It is widely used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and cell tissue research in the pharmaceutical industry. It has extensive and major applications in research and application fields such as medicine, biology, molecular science, pharmacy, 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.
- * Open door protection.
- * LCD display with bright illumination.
- * Memorized and protected operating parameters.
- * Function of encrypted and locked operating parameters.
- * Continuously running or timing.
- * Unique slow-start design.
- * Optional of illumination and UV light.

Technical Parameters:

Model	BJPX-100N	BJPX-200N
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary Shaking	
Drive Mode	Unidimensional drive	
Temp. Range	RT+5-65°C	4~ 65°C
Temp. Accuracy	±0.1°C	
Temp. Uniformity	±0.5°C(at 37°C)	
Rotating Speed	20-450(r/min)	
Rotating Accuracy	±1(r/min)	
Vibration Range	26mm	
Refrigerant	/	Environmentally friendly refrigerant
Timing Range	0-9999h/min	
Shaking Plate Size	450*410mm	
Standard Capacity	50ml*4,100ml*4,250ml*3,500ml*3	50ml*5,100ml*5,250ml*4, 500ml*3
Max. Capacity	Clamp flask: 100ml*23or250ml*16 or 500ml*9; Haftplatte: 100ml*30or250ml*20 or 500ml*9	
External Size(mm)	750*710*520	
Auxiliary Function	Ultra-low speed start, adjustable start speed, monitoring timer, parameter memory, upper and lower limits of overtemperature acousto-optic alarm, while opening the door automatically stop, monitoring temperature and environmental temperature for correction.	
Consumption	550W	650W
Power Supply	Standard:AC220±10%, 50/60Hz; optional:110V±10%, 60Hz	Standard:AC220±10%, 50Hz; optional:110V±10%, 50Hz
Internal Material	Stainless steel	
External Material	Stainless steel	
Package Size (mm)	881*875*715	
Gross Weight (kg)	120	120

Vertical Type Shaking Incubator (Single Door & Double Layer)



Features:

- * Audio and visual alarm.
- * Power off recovery function.
- * High efficiency servo motor, accurate control speed.
- * Super low speed start, start speed adjustable, overspeed automatic protection.
- * Accessories: Monitor timer (standard accessories); Open the door automatically stop, UV disinfection function, Humidification shaker, high temperature shaker(optional accessories).

Technical Parameters:

Model	BJPX-1102D	BJPX-2102D
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Multidimensional drive	
Rotating Speed	20-350rpm(Static culture, reverse rotation or alternate operation)	
Rotating Accuracy	±1rpm	
Vibration Range	Φ26mm(Can customize φ35 (20-250rpm/min); φ50(20-200rpm/min))	
Temp. Range	RT+5~65℃	4~ 60℃
Temp. Accuracy	±0.1℃	
Temp. Uniformity	±0.5℃(At 37℃)	
Timing Range	0~9999h/min(Can run continuously from time to time)	
Shaking Plate Size	500*360mm	
Shaking Plate Quantity	2pcs	
Max. Capacity	100ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp)	100ml*60or250ml*36or500ml*24or1000ml*16(Haftplatte)
Standard Capacity	250ml*24	
Internal Material	Stainless steel	
External Material	Stainless steel	
Refrigerant	/	CFC-Free,R134A
Cooling Consumption	/	250W
Heating Consumption	500W	
Safety Function	Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Shutdown protection for door opening; (Optional accessories) Leakage or over-current protection; Ultraviolet disinfection function (Optional accessories); Calibration of monitoring temperature and ambient temperature.	
Consumption	600W	850W
Power Supply	220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard); 110V±10%, 50Hz(Optional)
Internal Size(W*D*H)(mm)	600*410*630	
External Size(W*D*H)(mm)	700*580*1280	
Package Size(W*D*H)(mm)	825*720*1490	
Gross Weight(kg)	220	

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



Features:

- * Audio and visual alarm.
- * Power off recovery function.
- * High efficiency servo motor, accurate control speed.
- * Super low speed start, start speed adjustable, overspeed automatic protection.
- * Accessories: Monitor timer (standard accessories); Open the door automatically stop, UV disinfection function, Humidification shaker, high temperature shaker(optional accessories).

Technical Parameters:

Model	BJPX-1102X	BJPX-2102X
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Multidimensional drive	
Rotating Speed	20-350rpm(Can do static culture, positive and negative)	
Rotating Accuracy	±1rpm	
Vibration Range	Φ26mm, (can customize φ35 (20-250rpm/min); φ50(20-200rpm/min))	
Temp. Range	RT+5~60°C	4~ 65°C (At25°C)
Temp. Accuracy	±0.1°C	
Temp. Uniformity	±0.5°C(At 37°C)	
Timing Range	0~9999h/min	
Shaking Plate Size	710*455 mm	
Shaking Plate Quantity	2pcs	
Max. Capacity	100ml*100 or 250ml*56 or 500ml*44 or 1000ml*24(Flask clamp) 100ml*120 or 250ml*70 or 500ml*44 or 1000ml*24(Haftplatte)	
Standard Capacity	250ml*28; 500ml*22	
Internal Material	Stainless steel	
External Material	Stainless steel	
Refrigerant	/	R134A
Cooling Consumption	/	250W
Heating Consumption	700W	
Safety Function	Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Shutdown protection for door opening; (optional accessory) Ultraviolet disinfection function; (optional accessory) Calibration of monitoring temperature and ambient temperature; Overload protection of refrigeration unit, delayed start of incoming call and automatic defrosting (onlyBJPX-2102X)	
Consumption	900W	1150W
Power Supply	220V±10%, 50/60Hz(Standard);110V±10%, 60Hz(Optional)	220V±10%, 50Hz(Standard);110V±10%, 50Hz(Optional)
Internal Size(W*D*H)(mm)	840*530*600	
External Size(W*D*H)(mm)	950*700*1280mm	
Package Size(W*D*H)(mm)	1100*850*1500mm	
Gross Weight(kg)	270	290

Stacked Large Capacity Shaking Incubator



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, with power failure recovery function.
- * Motor overheat, temperature control, abnormal overtemperature 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
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	
Temp. Range	RT+5~60°C	4~60°C
Temp. Control Accuracy	0.1°C	
Temp. Uniformity	≤±1°C(37°C)	
Temp. Fluctuation	≤±0.5°C	
Timing Range	0~999min	
Shaking Plate Size	460*450mm	
Shaking Plate Quantity	1pc	2pcs
Capacity	155L	
Max. Capacity	250ml*20 or 500ml*16 or 1000ml*9 or 2000ml*6 or 5000ml*4 (Flask clamp) tube rack*2 96-well plate*12 clamping rod shaking plate*1	Upper layer: 250ml*20 or 500ml*16 Lower layer: 50ml*60 or 100ml*60 or 250ml*40 or 500ml*32 (Flask clamp)
Standard. Capacity	250ml*20 or 500ml*16 or 1000ml*9 or 2000ml*6 or 5000ml*4	50ml*60 or 100ml*60 or 250ml*40 or 500ml*32
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	1200W	1800W
Power Supply	Standard: AC200~240V, 50/60Hz Optional: AC110V, 50/60Hz	
Internal Size	560*500*555mm	
External Size	650*840*810mm	
Package Size	775*1005*1070mm	
Net Weight	195kg	215kg
Gross Weight	225kg	245kg

Stacked Large Capacity Shaking Incubator



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, with power failure recovery function.
- * Motor overheat, temperature control, abnormal overtemperature 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
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	
Temp. Range	RT+5~60°C	4~60°C
Temp. Control Accuracy	0.1°C	
Temp. Uniformity	≤±1°C(37°C)	
Temp. Fluctuation	≤±0.5°C	
Timing Range	0~999min	
Shaking Plate Size	420*400mm	
Shaking Plate Quantity	1pc	
Capacity	80L	
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	250ml*16 or 500ml*9 or 1000ml*9 or 2000ml*5	
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	Standard: AC200~240V, 50/60Hz Optional: AC110V, 50/60Hz	
Internal Size	495*455*370mm	
External Size	580*830*600mm	
Package Size	705*975*865mm	
Net Weight	138kg	158kg
Gross Weight	168kg	188kg

Stacked Large Capacity Shaking Incubator



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	Specification
Flask Clamp	BS-A10 50ml	Tube Rack	BS-A20 54-well, for 10ml centrifuge tube
	BS-A11 100ml		BS-A21 54-well, for 15ml centrifuge tube
	BS-A12 150ml		BS-A22 28-well, for 50ml centrifuge tube
	BS-A13 200ml		BS-A23 24-well, for 100ml centrifuge tube
	BS-A14 250ml		BS-A24 54-well, for 15*150mm tube
	BS-A15 500ml		BS-A25 54-well, for 18*180mm tube
	BS-A16 1000ml		BS-A26 54-well, for 20*200mm tube
	BS-A17 2000ml		BS-A27 32-well, for 25*200mm tube
	BS-A18 3000ml		BS-A28 28-well, for 30*200mm tube
	BS-A19 5000ml		BS-A50 54-well, for 7ml sampling tube
96-well Plate Holder	BS-A30 130*87*52mm	BS-A51 54-well, for 10ml sampling tube	
Clamping Rod Shaking Plate	BS-A40 320*300*70mm (for 50~2000ml conical flask)	BS-A52 54-well, for 20ml sampling tube	
		BS-A53 54-well, for 30ml sampling tube	

Technical Parameters:

Model	BJPX-SDW10	BJPX-SDW20	BJPX-SDW10-L	BJPX-SDW20-L
Controller	PID			
Display	5 inch touch screen		LCD	
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			
Temp. Range	RT+5~60°C	4~60°C	RT+5~60°C	4~60°C
Temp. Control Accuracy	0.1°C			
Temp. Uniformity	≤ ±1°C(37°C)			
Temp. Fluctuation	≤ ±0.5°C			
Timing Range	0~999min			
Shaking Plate Size	720*490mm			
Shaking Plate Quantity	1pc			
Capacity	190L			
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			
Standard. Capacity	500ml*24 flask clamp			
Lighting Mode	LED lamp*1			
Sterilization Mode	UV lamp*2			
Refrigerant	/	R290	/	R290
Ambient Temp.	15~35°C			
Internal Material	304 stainless steel			
External Material	Cold rolled steel sheet			
Data Storage	USB data storage and output function		Standard	
Printer	built-in micro printer(Optional) (Need to be matched with USB data storage and output function)			
Safety Function	Upper and lower limit overtemperature audible and visual alarm Upper and lower limit overspeed alarm Sensor fault identification Independent overtemperature protector Independent leakage or over-current protection Refrigerator overload protection			
Consumption	1500W	2200W	1500W	2200W
Power Supply	Standard: AC200~240V, 50/60Hz Optional: AC110V, 50/60Hz			
Internal Size	870*590*398mm			
External Size	1150*780*640mm			
Package Size	1345*970*910mm			
Net Weight	270kg	300kg	270kg	300kg
Gross Weight	295kg	325kg	295kg	325kg

Stacked Large Capacity Shaking Incubator



Features:

It is widely used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and cell tissue research in the pharmaceutical industry. It has extensive and major applications in research and application fields such as medicine, biology, molecular science, pharmacy, 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
Controller	PID	
Display	LCD	
Circulation Mode	Forced convection	
Shaking Mode	Rotary shaking	
Drive Mode	Multidimensional drive	
Rotating Speed	20-350rpm (Top layer 20-300rpm, static culture, reverse rotation or alternate operation)	
Rotating Accuracy	±1rpm	
Vibration Range	Φ26mm (Can customize φ35 (20-250rpm/min); φ50(20-200rpm/min))	
Temp. Range	RT+5~60°C	4~65°C (At25°C)
Temp. Control Accuracy	±0.1°C	
Temp. Uniformity	±0.6°C (At 37°C)	
Timing Range	0~9999h/min	
Shaking Plate Size	610*460 mm	
Shaking Plate Quantity	1 pc	
Max. Capacity	250ml*32or500ml*20or1000ml*13or2000ml*7(Flask clamp) 250ml*32or500ml*20or1000ml*12or2000ml*8(haftplatte)	
Standard Capacity	500ml*20	
Internal Material	Stainless steel	
External Material	Stainless steel	
Refrigerant	/	R134a
Heating Consumption	800-900W	
Safety Function	Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Shutdown protection for door opening; Leakage or over-current protection; Ultraviolet disinfection function; Calibration of monitoring temperature and ambient temperature; Overload protection of refrigeration unit and delayed start of incoming call (only BJPX-2012RN)	
Consumption	1000W	1200W
Power Supply	Standard:220V±10%, 50/60Hz; optional:110V±10%, 60Hz	
Internal Size(W*D*H)(mm)	715*580*450(per unit)	
External Size(W*D*H)(mm)	1120*790*620(per unit)	
Package Size(W*D*H)(mm)	1275*950*810(per unit)	
Gross Weight(kg)	240(per unit)	

Medicine Stability Test Chamber



Introduction:

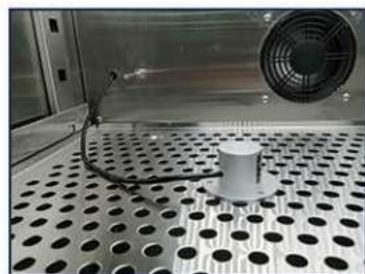
This equipment provide a long time stable environment of temperature, humidity and illumination for the Pharmaceutical industry medicine invalidation evaluation. It's applied in the medicine accelerating test, growth test, high humidity test and high illuminance test.



Adjustable Shelf



Fluorescent Lamp



High Water-Proof Grade Illumination Sensor



Build-in Printer

Features:

- * The Inner chamber is 304 high-quality stainless steel, full arc design, easy to clean and maintain
- * The unique air duct design ensures the uniform temperature and humidity in the box
- * Remote monitoring via mobile phones and computers
- * It has three levels of password authority management function
- * Data recording system can record more than 1 million pieces of data, even if the power failure, the data will not be lost, can be exported through the U disk
- * Conforms to the national pharmacopoeia, GMP, FDA, ICH and other relevant standards for long-term test, intermediate test, accelerated test, with stable and reliable performance to meet the requirements of temperature, humidity, light and other environmental conditions in multiple drug tests

Technical Parameters:

Model	BJPX-MT250
Display	7' LCD touched screen
Capacity	250L
Temp. Range	5~60°C with lighting,0~60°C without lighting
Temp. Resolution	0.1°C
Temp. Fluctuation	± 0.5°C/± 1°C
Temp. Uniformity	± 2°C
Humidity Control Range	40~95% RH
Humidity Fluctuation	± 5% RH
Illumination	0-6000 Lux adjustable
Illumination Fluctuation	± 500 Lux
UV Irradiance	0-100uw/cm ²
UV Spectral Range	320-400nm
Shelves	2 pcs adjustable
Timing Range	0~999h59min
Refrigeration System	Dual refrigeration cycle system
Safety Device	Water shortage protection, over temperature protection, overload protection, compressor overload protection
Consumption	2200W
Standard Accessories	2pcs shelves,build-in printer,30mm test hole
Sterilization Type	UV lamp system
Power Supply	Standard:220V,50/60Hz; Optional:110V,50/60Hz
Chamber Size(W*D*H)	650×465×830mm
External Size (W*D*H)	850×800×1585mm
Packing Size(W*D*H)	980×930×1715mm
Gross Weight	250kg

Medicine Stability Test Chamber

Application Range:

This equipment provides a long-time stable environment of temperature, humidity and illumination for the pharmaceutical industry medicine invalidation evaluation. It's applied in the medicine accelerating test, growth test, high humidity test and high illuminance test.

Features:

- * P.I.D accurate and reliable temperature and humidity control.
- * Built-in fan to form air circulation and improve temperature uniformity inside the cabinet.
- * Built-in water tank and automatic water replenishment interface, when there is no humidification water, automatically disconnect the heater power.
- * 50 pcs programs for the pharmaceuticals application.
- * 600-day historical data USB export function.
- * Optional:Printer,External temperature protection device.



Technical Parameters:

Model	BJPX-MS120A	BJPX-MS288A	BJPX-MS500A
Display	7 inches LCD display		
Capacity	173L	288L	504L
Temp. Range	-20~+65°C		
Temp.Fluctuation	± 0.5°C		
Temp.Uniformity	± 2°C		
Humidity Control Range	40~95% RH		
Humidity Fluctuation	±3% RH		
Illumination level	4500 Lux,4 level adjustable ,1-side illumination		
Shelves	2 pcs adjustable		
Timing Range	1~9999min		
Refrigeration System	R404a refrigerant CFC-free		
Alarm	High or low temperature alarm, temperature and humidity probe damage alarm		
Consumption	2100W	2600W	3500W
Power Supply	Standard: 220V±10%,50/60Hz; Optional: 110V±10%,60Hz		
Chamber Size(W*D*H)	550*450*700mm	600*600*800mm	800*710*910mm
External Size (W*D*H)	700*842*1585mm	800*992*1685mm	1000*1072*1795mm

Medicine Stability Test Chamber(Economic Type)



Features:

- * P.I.D accurate and reliable temperature and humidity control.
- * Built-in fan to form air circulation and improve temperature uniformity inside the cabinet.
- * Built-in water tank and automatic water replenishment interface, when there is no humidification water, automatically disconnect the heater power.
- * Standard Accessory include:Micro thermal printer.
- * Optional: Micro-needle printer, External temperature protection device.

Technical Parameters:

Model	BJPX-MS250	BJPX-MS300	BJPX-MS400
Display	5.7 inches LCD display		
Capacity	248L	290L	402L
Temp. Range	0~65°C		
Temp. Fluctuation	± 0.5°C		
Temp. Uniformity	± 2°C		
Humidity Control Range	40~95% RH (Depends on temperature, beyond 10°C)		
Humidity Fluctuation	±3% RH		
Illuminance	6000Lux, 5 level adjustable, 1-side illumination		
Shelves	2 pcs adjustable		
Timing Range	1~99min		
Refrigeration System	R134a refrigerant, CFC- free		
Alarm	High or low temperature alarm, temperature and humidity probe damage alarm		
Consumption	2400W	2900W	3400W
Power Supply	Standard: 220V±10%, 50Hz; Optional: 110V±10%, 60Hz		
Chamber Size(W*D*H)	470*449*1178mm	490*464*1278mm	560*600*1198mm
External Size (W*D*H)	672*892*1825mm	691*907*1925mm	764*1032*1860mm

Oven

Vacuum Drying Oven



BOV-30V/BOV-50V



BOV-90V/BOV-215V



BOV-90VL/BOV-215VL

Features:

- * PID microprocessor temperature control with LED display.
- * Polished stainless steel inner chamber.
- * Vacuum degree is automatically controlled (for BOV-90V/BOV-215V/BOV-90VL/BOV-215VL)
- * Silicon rubber seal ring ensures the high vacuum degree in the chamber.
- * Tempered double-layer glass door ensures the operation safety.
- * The vacuum is controlled by microprocessor controller with digital display.(for BOV-90VL/BOV-215VL)
- * The working program has no circulation, no program control.(for BOV-90VL/BOV-215VL)
- * The vacuum pump is standard accessory(for BOV-90V/BOV-215V/ BOV-90VL/BOV-215VL)
- * Inert gas can be filled in the chamber. (Inert gas pressure is not higher than 0.1Mpa when filling in)
(for BOV-90VL/BOV-215VL)

Technical Parameters:

Model	BOV-30V	BOV-50V	BOV-90V	BOV-215V	BOV-90VL	BOV-215VL
Capacity	23L	53L	91L	213L	91L	213L
Temp. Range	50~200°C	50~250°C	50~200°C	E-mail: export@biobase.com		
Temp. Fluctuation	±1°C					
Vacuum Degree	<133Pa					
Vacuum Control	Manual control		Automatically; Include one vacuum meter		Automatically; Microprocessor controller with digital display	
Shelves No.	1 pc	2 pcs	2 pcs	3 pcs	2 pcs	3 pcs
Consumption	500W	1400W	1600W	2200W	1600W	2200W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)					
Internal Size(W*D*H) mm	296*300*270	416*370*346	450*450*450	556*600*640	450*450*450	556*600*640
External Size(W*D*H) mm	590*492*468	710*562*544	611*641*1398	721*794*1638	611*641*1398	721*794*1638
Package Size(W*D*H) mm	740*620*630	820*700*690	790*750*1570	900*850*1930	790*750*1570	900*850*1930
Gross Weight(kg)	50	106	155	195	155	195

Constant-Temperature Drying Oven



Features:

- * LCD liquid crystal temperature display, with temperature deviation calibration function.
- * Over-temperature alarm and automatic fault detection alarm function.
- * Precisely control the heating time, the timing error is $\leq 1\%$.
- * The four corners of the inner cavity are designed with a semi-circular arc structure.
- * The heating device is placed at the bottom, and a new bottom wind plate structure is adopted to facilitate the cleaning of the cavity.

Technical Parameters:

Model	BJPX-HDO43	BJPX-HDO55	BJPX-HDO72	BJPX-HDO138	BJPX-HDO270
Capacity	43L	55L	72L	138L	270L
Heating Method	Bottom heating, natural convection				
Temp. Range	RT+10°C-250°C				
Display	LCD display				
Temp. Uniformity	\leq Max temp. $\pm 3\%$				
Temp. Precision	0.1°C				
Inner Size(mm)	350*350*350	370*370*459	400*390*450	500*500*550	660*700*590
External Size(mm)	579*512*510	596*575*618	614*548*609	724*663*709	900*840*890
Shelves NO.	2	2	2	3	3
Power Supply	Standard: 220V 50/60Hz; optional: 110V 50/60Hz				
Packing Size (W*D*H)	690*710*660mm	835*710*850mm	830*700*800mm	870*795*850mm	1010*946*1050mm
Gross Weight(kg)	45kg	51kg	55kg	77kg	100kg

Oven Constant-Temperature Drying Oven

Features:

- * External material: cold-rolled steel with anti-bacteria powder coating.
- * Stainless steel inner chamber, round angle structure, adjustable shelves.
- * PID control with LED display, soft touch operational key, timing function and over-temperature protection.
- * Door with double-layer tempered glass observation window, adjustable air-tight buckle lock, and silicon rubber seal, which provide good seal ability and efficiently prevent heat loss.



Technical Parameters:

Model	BOV-T30C	BOV-T70C	BOV-T140C	BOV-T270C
Capacity	43L	70L	137L	270L
Temp. Range	50~200°C			
Temp. Fluctuation	$\pm 1^\circ\text{C}$			
Ambient Temp.	5~40°C			
Timing Range	1~9999min			
Shelves No.	2 pcs		3 pcs	
Consumption	850W	1000W	2000W	3000W
Power Supply	Standard: 220V $\pm 10\%$, 50/60Hz; Optional: 110V $\pm 10\%$, 60Hz			
Internal Size(W*D*H) mm	350*350*350	400*390*450	500*500*550	600*600*750
External Size(W*D*H) mm	635*615*552	680*653*631	830*665*772	930*765*972
Package Size(W*D*H) mm	780*750*700	870*700*800	960*780*950	1060*880*1150
Gross Weight(kg)	60	70	105	145

Forced Air Drying Oven



Applications:

This product is used for drying, disinfection, wax melting and sterilization of non-flammable and explosive items and non-volatile items. For example, drying of experimental samples, food, glassware, thermal hardening, thermal denaturation, thermal softening, and moisture removal of chemical substances; dry heat sterilization of utensils and utensils in bioengineering; aging and drying of electronic components. Widely used in biopharmaceuticals, enterprises, scientific research, food processing, medical units and various laboratories, etc.



Features:

Structure design:

- * LCD display
- * Built-in temperature deviation calibration function, parameter memory function, with call parameters automatic recovery function

Timing Settings:

- * Accurate control of heating time, timing range 0-9999 minutes (hours), timing error $\leq 1\%$

Independent fan switch:

- * Independent fan switch, according to the heating needs to decide whether to start
- * Unique mandatory fan cooling ventilation structure, ensure the fan working temperature is less than 50°C

Exterior design:

- * Novel vertical design, shell with electrostatic spraying steel plate, corrosion resistant and durable
- * Optional Foot Master casters are available for more convenient movement.

Three-dimensional circulation air duct:

- * Unique bottom air blast and bottom heating reasonable cooperation
- * Vertical double duct vertical hot air circulation design
- * The temperature is uniform to meet the requirements of high-precision experiments



Technical Parameters:

Model	BJPX-HGZ30L
Capacity	30L
Temp. Range	RT+10°C~300°C
Temp. Precision	0.1°C
Temp. Uniformity	$\leq \text{Max Temp.} \pm 2.5\%$
Circulation Mode	Bottom heating, forced convection
Timing Range	0~9999min/h
Shelves NO. (pc)	2
Display	LCD
Power Supply	100~245V 50/60Hz
Internal Size(mm)	310*310*310
External Size(mm)	440*670*495
Packing Size(mm)	520*810*550
Gross Weight(kg)	50

Forced Air Drying Oven



Applications:

This product is used for drying, disinfection, wax melting and sterilization of non-flammable and explosive items and non-volatile items. For example, drying of experimental samples, food, glassware, thermal hardening, thermal denaturation, thermal softening, and moisture removal of chemical substances; dry heat sterilization of utensils and utensils in bioengineering; aging and drying of electronic components. Widely used in biopharmaceuticals, enterprises, scientific research, food processing, medical units and various laboratories, etc.

Features:

- * LCD liquid crystal temperature display, with temperature deviation calibration function.
- * The unique air duct design ensures the uniformity and stability of the temperature in the working room.
- * Over temperature alarm and automatic fault detection alarm function.
- * Independent fan switch, decide whether to open convection according to heating needs.
- * SUS 304 high quality chamber.
- * Optional Foot Master casters are available for more convenient movement.

Technical Parameters:

Model	BJPX-HGZ23	BJPX-HGZ45	BJPX-HGZ54	BJPX-HGZ75	BJPX-HGZ88
Capacity	23L	45L	54L	75L	88L
Temp. Range	RT+10°C~300°C				
Temp. Precision	0.1°C				
Temp. Uniformity	≤Max Temp.±2.5%				
Circulation Mode	Back heating, forced convection				
Timing Range	0~9999min/h				
Shelves NO. (pc)	2	2	2	2	3
Display	LCD				
Power Supply	100~245V 50/60Hz				
Internal Size(mm)	300*275*290	370*340*358	370*340*440	463*463*352	500*490*360
External Size(mm)	490*415*535	600*520*630	600*620*630	690*630*615	730*660*640
Packing Size(mm)	675*522*641	690* 710* 660	835* 710*850	830* 700* 800	830*700* 800
Gross Weight(kg)	50	55	55	60	63

Model	BJPX-HGZ138	BJPX-HGZ160	BJPX-HGZ225	BJPX-HGZ270
Capacity	138L	160L	225L	270L
Temp. Range	RT+10°C~300°C			
Temp. Precision	0.1°C			
Temp. Uniformity	≤Max Temp.±2.5%			
Circulation Mode	Back heating, forced convection			
Timing Range	0~9999min/h			
Shelves NO. (pc)	3	3	3	3
Display	LCD			
Power Supply	100~245V 50/60Hz		220V±10% 50/60Hz(Standard); 110V±10% 50/60Hz(Optional, External Transformer)	
Internal Size(mm)	555*555*453	558*578*500	600*748*508	660*700*590
External Size(mm)	780*720*705	785*777*764	830*900*720	900*880*890
Packing Size(mm)	870*795*850	830*895*990	946*850*1050	1010* 946* 1050
Gross Weight(kg)	77	82	92	100

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
Display	LED		LCD
Temp. Range	RT+20~400°C		50~500°C
Temp. Precision	0.1°C		
Temp. Fluctuation	±0.5°C		±1°C
Ambient Temp.	5~40°C		
Timing Range	0~5999min		0~9999min
Shelves No.	2 pcs		3 pcs
Consumption	3250W	4050W	8000W
Power Supply	380V,50HZ		380V,50HZ
Internal Size(W*D*H)mm	350*350*400	450*450*450	602*500*753
External Size(W*D*H)mm	890*700*920	990*790*990	1070*770*1122
Packing Size (W*D*H)mm	1010*820*1150	1100*920*1210	1220*890*1280
Gross Weight.(kg)	198	247	250

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
Temp. Range	Incubator: RT+5°C~80°C; Oven: 80°C~220°C	Incubator: RT+5°C~80°C; Oven: 80°C~200°C			
Temp. Uniformity	±3%(at 100 °C)	Incubator: ≤±1°C; Oven: ≤±2.5%			
Temp. Stability	Incubator: ±0.5°C; Oven: ±1°C	±0.5°C			
Circulation Mode	Micro-air circulation				
Display	LCD	LED			
Timing Range	0~5999min	0~9999min			
Alarm	Overtemperature alarm, temperature probe damage alarm				
Internal Size (W*D*H) mm	340*325*320	357*356*419	420*416*499	498*500*600	598*582*713
Capacity (L)	35	53	87	149	248
External Size (W*D*H) mm	620*490*490	540*615*750	604*674*830	680*771*935	782*855*1045
Shelves	2	2	2	2	2
Power Supply	AC220V 50Hz (Standard); 110/220V 60Hz (Optional)	AC220V 50Hz (Standard); 110V 60Hz (Optional, External transformer)	AC220V 50Hz		
Consumption (W)	850	700	1200	1500	2000
Package Size (W*D*H) mm	790*630*580	670*630*920	770*680*1000	860*770*1090	960*850*1190
Gross Weight (kg)	36	70	80	140	210