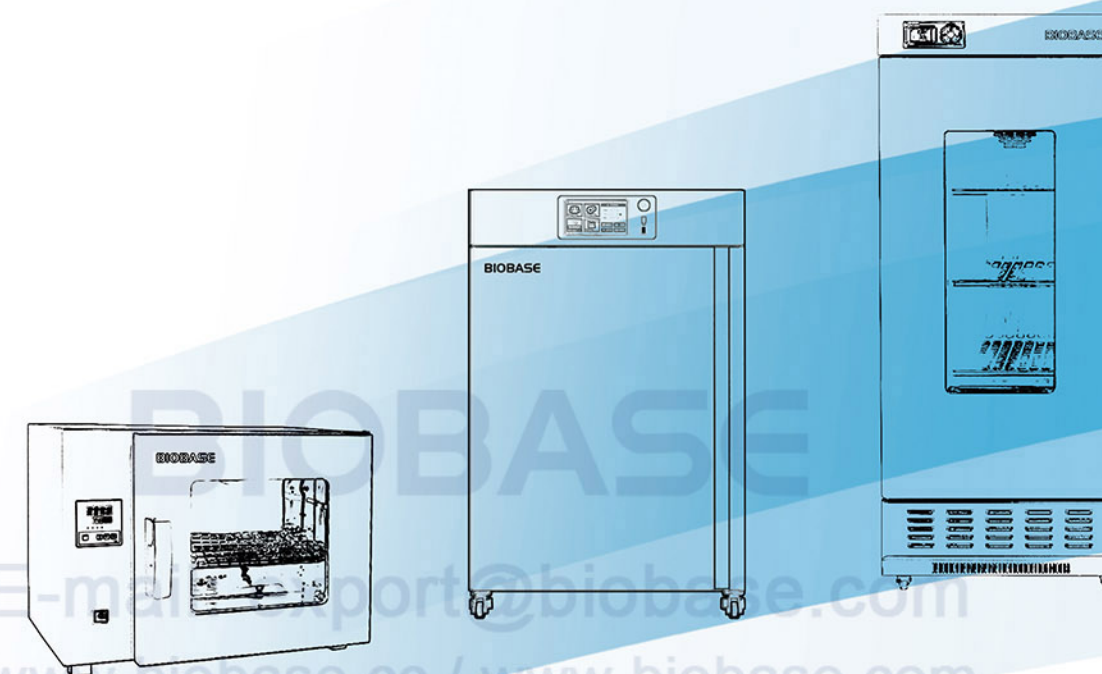


BIOBASE®

Incubator & Oven



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BIOBASE CHINA



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Version 2022-3

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.

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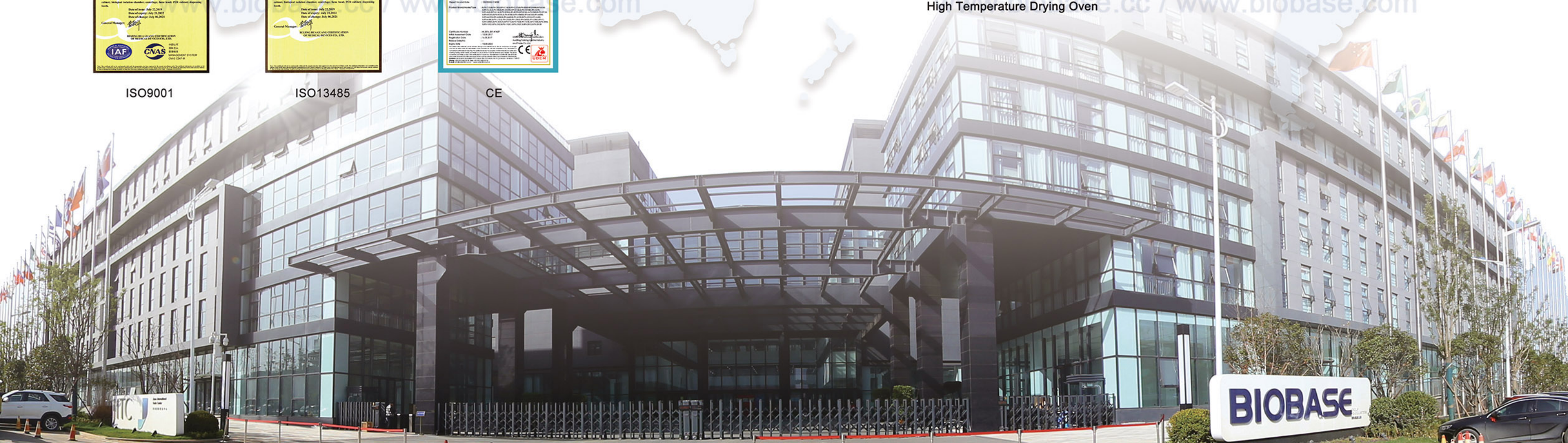
ISO9001



ISO13485



CE



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.

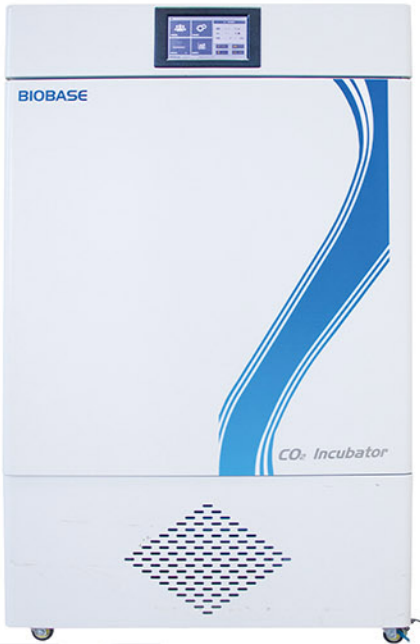
Standard Accessories: * USB port



LCD display screen



Push-pull shelves with holes



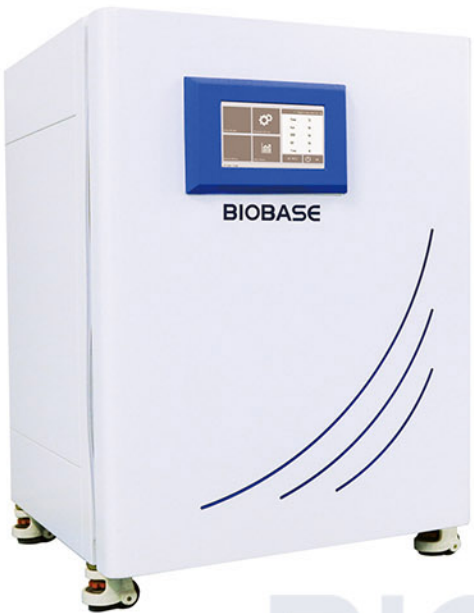
Technical Parameters:

Model	BJPX-C160III
Capacity	160L
Heating	Air jacket
Temp. Range	10~60°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
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 900W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)
Internal Size (W*D*H)mm	588*470*620
External Size(W*D*H)mm	810*748*1330
Packing Size (W*D*H)mm	904*842*1467
Gross Weight(kg)	198

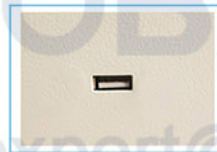
Tri-Gas CO₂ Incubator

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-C160T
Capacity	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	700 W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)
Internal Size(W*D*H)mm	492*498*662
External Size(W*D*H)mm	688*817*955
Packing Size(W*D*H)mm	782*911*1092
Gross Weight(kg)	110

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*756*1107
Packing Size(W*D*H)mm	780*836*1137
Gross Weight(kg)	110

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	350*500*580	401*550*690	450*598*750	450*660*850	658*500*1238
External Size(W*D*H) mm	647*644*1170	692*690*1270	743*742*1340	743*802*1440	802*801*1745
Packing Size(W*D*H) mm	772*769*1330	817*815*1430	868*867*1500	868*927*1600	927*926*1905
Net Weight(kg)	98.5	120	130	145	200
Gross Weight(kg)	120	140	150	170	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					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	670*710*1280	670*710*1400	720*760*1560	720*790*1710	750*830*1780	790*830*1880	850*880*1980
Net Weight(kg)	55	60	100	105	113	125	145
Gross Weight(kg)	90	95	130	148	157	167	180

Multifunctional Incubator

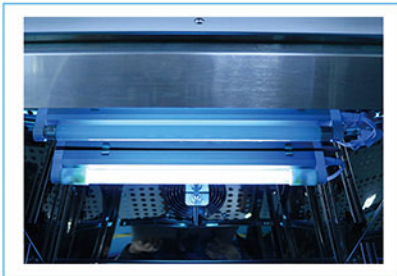


BJPX-200

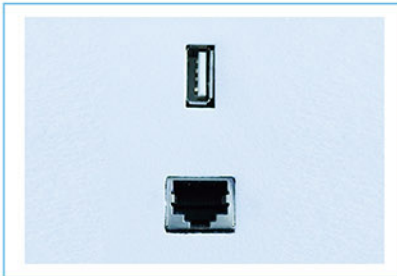
BJPX-300



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 and optional mobile phone APP control program.

Technical Parameters:

Model	BJPX-200	BJPX-300
Capacity	200L	300L
Temp. Range	0~100℃	
Control Type	Microcomputer controller	
Temp. Fluctuation	≤ ±1℃(at 37℃)	
Temp. Uniformity	≤ ±2℃(at 37℃)	
Time Setting	1-5999min	
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℃, suggest 25±2℃; relative humidity ≤80%	
Caster	Universal caster	
Consumption	1200W	1450W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)	
Internal Size(W*D*H)mm	518*500*832	500*490*1295
External Size(W*D*H)mm	598*797*1475	761*606*1900
Packing Size(W*D*H)mm	686*885*1618	801*646*2020
Gross Weight(kg)	130	156

Touch Screen Constant-Temperature Incubator

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.

Standard Accessories:



Test port

Optional Accessories:



Base stand



Footmaster Caster



UV lamp

Technical Parameters:

Model	BJPX-H54BK(D/G)	BJPX-H88BK(D/G)	BJPX-H160BK(D/G)
Capacity	54L	88L	160L
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
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
External Size(W*D*H)mm	D type: 536*588*681 G type: 522*626*587	D type: 650*573*793 G type: 627*621*692	D type: 718*732*890 G type: 685*779*790
Package Size(W*D*H)mm	D type: 606*648*818 G type: 592*676*724	D type: 720*630*930 G type: 697*671*829	D type: 788*792*1027 G type: 755*829*927
Gross Weight(kg)	D type: 51 G type: 44	D type: 65 G type: 51	D type: 89 G type: 69

Constant-Temperature Incubator

Features:

- * Large LED display, multiple groups of data to be displayed at a time; function of timing and over-temperature protection.
- * Two-layer toughened-glass observation window.



BJPX-H30/48/64/123II

BJPX-H230II

Technical Parameters:

Model	BJPX-H30II	BJPX-H48II	BJPX-H64II	BJPX-H123II	BJPX-H230II
Capacity	30L	45L	65L	125L	230L
Temp. Range	RT+5~80°C				
Temp. Fluctuation	±0.2°C				
Time Setting	1~9999mins				
Shelves	2 pcs/adjustable				
Consumption	150W	250W	500W	600W	700W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)				
Internal Size(mm)	310*310*310	350*350*350	400*360*450	500*450*550	600*500*750
External Size(mm)	460*510*695	500*550*735	550*550*840	636*680*915	730*670*1220
Package Size(mm)	550*570*765	620*585*800	640*640*905	730*720*1000	900*800*1350
Gross Weight(kg)	51	56	62	71	105

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, creepage 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℃			
Temp.Resolution	0.1			
Temp.Fluctuation	±0.5℃			
Temp. Uniformity	±1℃(37℃)			
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.



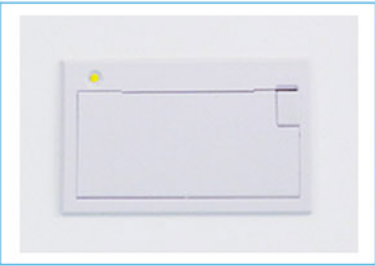
Technical Parameters:

Model	BJPX-H35	BJPX-H50II	BJPX-H80II	BJPX-H160II	BJPX-H270II
Capacity	35L	48L	84L	160L	270L
Temp. Range	RT+5~65℃	RT+5~60℃			
Temp. Fluctuation	±0.3℃	±0.3℃			
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				
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



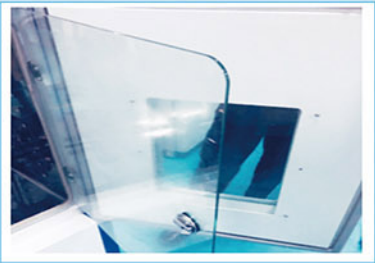
LCD touch screen



Test port



Built-in printer



Double door

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

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℃ 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℃						
Temperature Fluctuation	±1℃						
Temperature Nonuniformity Value	±2℃						
Timing Range	0~9999min/h						
Rated Power(W)	1000			1200		1400	
Refrigerant	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)	670*710*1270	670*710*1390	720*760*1550	720*790*1700	750*830*1770	790*830*1870	850*880*1970
Gross Weight(kg)	85	90	120	138	145	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℃; 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, outer door is with viewing window.
- * Polished stainless steel chamber.

Safety Functions:

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



Large LCD screen



Mechanical lock



Test port



Outer door with observation window

Optional Accessories:

- * RS485 interface.
- * Temperature controlled switch.

Technical Parameters:

Model	BJPX-L200BK
Capacity	200L
Lighting Type	LED cold light source
Temp. Range	With illumination: 10~60°C; Without illumination: 5~60°C
Temperature Resolution	0.1°C
Temperature Fluctuation	±0.5°C
Temperature Deviation	±1.0°C
Lighting Illumination	0~12000lux (5-grade adjustable)
Ambient Temp.	0~40°C
Continuous Working Time	No less than 180h
Refrigerant	R134a (CFC- free)
Shelves	Standard: 2 pcs
Heating Power	900W
Cooling Power	300W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)
Internal Size(mm)	548*472*778
External Size(mm)	760*750*1500
Package Size(mm)	883*870*1645
Gross Weight(kg)	200

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

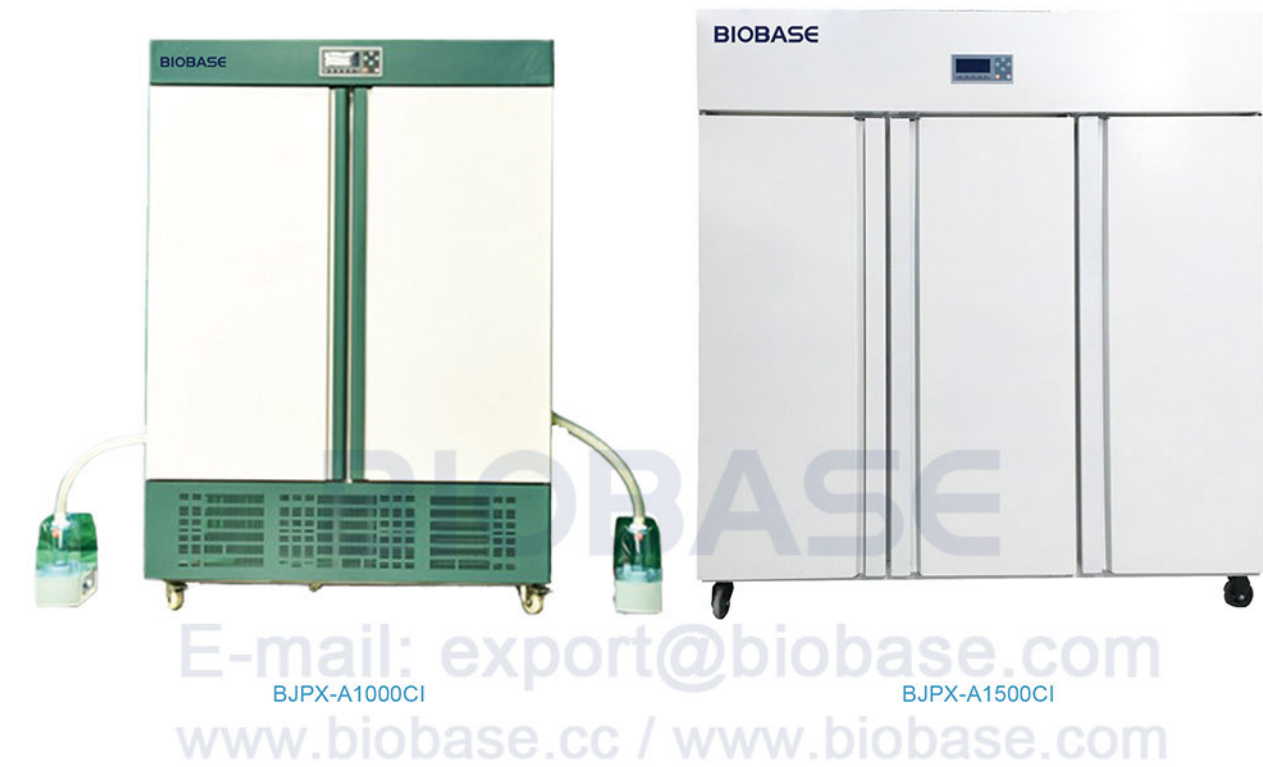
Optional Accessories: Printer (only for BJPX-LII series)

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



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℃(No Light 0~ 50 ℃, Light 10 ~ 50 ℃)	
Temperature Resolution	±0.1 ℃	
Temperature Fluctuation Degree	±1 ℃ (Experimental conditions: no load, environmental temperature 20 ℃, 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℃	
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 * With the plant growth lamp * Audible and visual alarm * Over-temperature protection * Data storage on USB flash disk * Microcomputer printing	
Optional Accessories	* Carbon dioxide function * Timing air exchange function * Remote alarm system * 485 interface * Multiple programming	
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℃(Microcomputer PID control)			
Temp.Resolution	0.1℃			
Temp.Fluctuation	±0.5℃			
Temp.Uniformity (at 37℃)	±1℃			
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)	760*792*1495mm	830*802*1640mm	910*892*1685mm	887*892*1797mm
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℃			
Temp.Resolution	0.1℃			
Temp.Fluctuation	0~18℃: ±1.0℃; 19~42℃: ±0.5℃; 43~85℃: ±1.0℃			
Temp.Uniformity (at 37℃)	±1℃			
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			
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)	772*769*1330mm	817*815*1430mm	868*867*1500mm	868*927*1600mm
Net Weight	98.5kg	120kg	130kg	145kg
Gross Weight	120kg	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℃～65℃(Microcomputer PID control)						
Humidity Range	50%～90%RH(Microcomputer PID control)						
Temp.Uniformity	±2℃						
Temp.Fluctuation	±1℃						
Humidity Fluctuation	±5～8%RH						
Temperature and Humidity Display Accuracy	0.1℃ / 1%RH						
Timing Range	0～9999min(h)						
Power Consumption	1200W	1200W	1200W	1300W	1300W	1500W	1500W
Refrigerant	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	540*580	590*630	590*660	620*700	660*700	720*760
	*1110mm	*1230mm	*1390mm	*1540mm	*1610mm	*1710mm	*1810mm
Internal Size(W*D*H)	400*370	400*370	450*420	450*450	480*490	520*500	580*540
	*560mm	*680mm	*850mm	*1000mm	*1070mm	*1170mm	*1270mm
Package Size(W*D*H)	670*710	670*710	720*760	720*790	750*830	790*830	850*880
	*1280mm	*1400mm	*1560mm	*1710mm	*1780mm	*1880mm	*1980mm
Net/Gross Weight	55/90kg	60/95kg	100/130kg	105/148kg	113/157kg	125/167kg	145/180kg

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

Platelet Incubator



Applications:

After thawing, platelets need to be kept swinging in a constant temperature environment of 20°C-24°C while waiting for infusion to patients. The platelet incubator is a device made according to this requirement. When the thawed platelets are placed on the inner chamber storage shelf, the machine can continuously output the continuous left-right reciprocation with the amplitude of 50mm and the frequency of 60rpm, and the horizontal oscillation is achieved, which solves the problem of safe storage of platelets.

Features:

- * Microprocessor control system, LCD display
- * UV lamp for disinfection, the interlock for UV lamp and door
- * Power on/off switch, more convenient for operation
- * High efficiency refrigeration system, fast cooling speed and uniformity temperature inside
- * Double-layer glass observation window, filled with gas, to ensure the cooling performance
- * Alarm for high/low temperature, door ajar, etc

Technical Parameters:

Model	BJPX-SP10
Temp. Range	22.0℃±2.0℃
Oscillation Frequency	60.0rpm±5.0rpm
Temp. Uniformity	±2.0℃
Fluctuation	±1.0℃
Resolution	0.1℃
Amplitude	50.0mm±5.0mm
Refrigerant	R134a, CFC free
Oscillation Type	Continuous reciprocating (left and right) horizontal oscillation
Power Supply	Standard:AC220V,50/60Hz, optional: 110V, 50/60Hz
Power	1300W
External Size	645*730*1225mm
Net Weight	138kg
Packing Size	757*853*1315mm
Gross Weight	158kg

Blood Bag Storage Details:

Blood Bag Volume	Blood Bag Size(mm)	Max Storage-Stacked(pcs)	Suggested Storage(pcs)
25ml	70*60	162	81
50ml	80*70	120	60
100ml	110*90	66	33
200ml	140*110	42	21
300ml	160*110	36	18
400ml	190*120	30	15
500ml	200*120	24	12

Small Capacity Thermostatic Shaking Incubator



Features:

- * USB data recording system automatically records the test process data throughout the whole process.
- * The whole experiment data can be recorded by USB flash disk (temperature and rotation time can be recorded).
- * Download data, automatically list, save and print, and easily playback the experimental process with a mouse click, which is convenient for optimizing reaction conditions, screening experimental methods and confirming the experimental process.
- * Multi-stage speed temperature and time control system can set a variety of different speed temperature and time experiment modes at one time, and automatically change the operation mode during operation.
- * Super low speed start, the speed is out of control, automatic lock, start speed adjustable unique dynamic balance design, to ensure smooth operation.
- * Mute fan design and forced convection mode and unique air duct design to ensure a good temperature uniformity.
- * Users can freely set up three operation modes of alternating forward, reverse, positive and reverse.
- * LCD display, temperature, time, speed and interface display.

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℃	4~ 65℃
Temp. Accuracy	±0.1℃	
Temp. Uniformity	±0.5℃(at 37℃)	
Rotating Speed	20-450(r/min)	
Rotating Accuracy	±1(r/min)	
Vibration Range	26mm	
Refrigerant	/	Environmentally friendly refrigerant
Cooling Consumption	/	118W
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*15 or 500ml*9, 1000ml*6 or 2000ml*4; Haftplatte: 100ml*30or250ml*20 or 500ml*9 or 1000ml*8 or 2000ml*4	
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%, 50/60Hz; optional:110V±10%, 50Hz
Internal Material	Stainless steel	
External Material	Stainless steel	
Package Size (mm)	881*875*715	
Gross Weight (kg)	110	130

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%, 50/60Hz(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℃	4~ 65℃ (At25℃)
Temp. Accuracy	±0.1℃	
Temp. Uniformity	±0.5℃(At 37℃)	
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%, 50/60Hz(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:
- * Multi-stage speed, temperature, time control system. A variety of different speed, temperature, time experimental modes can be set at one time, and the operation mode can be automatically switched during operation.
 - * The bottom of the inner cavity of the shaker can be flushed in all directions without dead angle.
 - * Equipped with high-quality servo motor, precise control speed, good high and low speed performance and strong stability. The minimum speed of 10rpm/min can be customized according to customer needs.
 - * It has the functions of ultraviolet disinfection (including air duct disinfection) and lighting.
 - * LCD liquid crystal display, temperature, time and speed are displayed on the same interface.
 - * Users can freely set three operation modes: forward rotation, reverse rotation, and forward and reverse rotation.
 - * PID microcomputer intelligent temperature control system, precise temperature control.

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℃	4~65℃ (At25℃)
Temp. Control Accuracy	±0.1℃	
Temp. Uniformity	±0.6℃ (At 37℃)	
Timing Range	0~9999h/min	
Shaking Plate Size	610*460 mm	
Shaking Plate Quantity	1 pc	
Max. Capacity	250ml*32or500ml*21or1000ml*13or2000ml*7(Flask clamp) 250ml*32or500ml*20or1000ml*12or2000ml*8(haftplatte)	
Standard Capacity	500ml*21	
Internal Material	Stainless steel	
External Material	Stainless steel	
Refrigerant	/	R134a
Cooling Consumption	/	200W
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	Standard:220V±10%, 50/60Hz; optional:110V±10%, 50Hz
Internal Size(W*D*H)(mm)	715*580*450(per unit)	
External Size(W*D*H)(mm)	1120*790*620(per unit)	
Package Size(W*D*H)(mm)	1290*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
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)	850×800×1560mm
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:

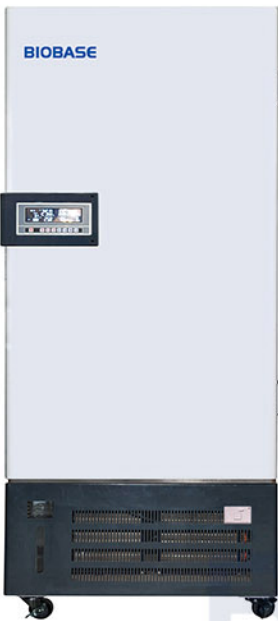
- * P.I.D accurate and reliable temperature and humidity control.
- * Built-in fan to form air circulation and improve temperature uniformity inside the cabinet.
- * Built-in water tank and automatic water replenishment interface, when there is no humidification water, automatically disconnect the heater 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
Packing Size(W*D*H)	810*1080*1780mm	950*1160*1940mm	1170*1460*2050mm
Gross Weight	138kg	168kg	250kg

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
Packing Size(W*D*H)	800*1010*1990mm	790*1040*2090mm	870*1140*2040mm
Gross Weight	158kg	178kg	200kg

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.



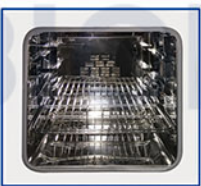
Technical Parameters:

Model	BOV-T30C	BOV-T70C	BOV-T140C	BOV-T270C
Capacity	43L	70L	137L	270L
Temp. Range	50~200℃			
Temp. Fluctuation	±1℃			
Ambient Temp.	5~40℃			
Timing Range	1~9999min			
Shelves No.	2 pcs		3 pcs	
Consumption	850W	1000W	2000W	3000W
Power Supply	Standard: 220V±10%, 50/60Hz; Optional: 110V±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

Features:

- * External material: cold-rolled steel with anti-bacteria powder coating.
- * Stainless steel inner chamber, round angle structure, adjustable shelves.
- * Double-layer glass observation window, adjustable airtight buckle lock.
- * PID control with LED display.
- * Over-temperature protection.



Technical Parameters:

Model	BOV-T25F	BOV-T50F	BOV-T105F	BOV-T200F
Capacity	25L	54L	108L	212L
Temp. Range	50~200℃			
Temp. Precision	0.1℃			
Temp. Fluctuation	±1℃			
Ambient Temp.	5~40℃			
Timing Range	1~9999min			
Shelves No.	2 pcs			
Consumption	650W	1000W	1600W	2500W
Power Supply	Standard: 220V±10%,50/60Hz; Optional: 110V,60Hz			
Internal Size(W*D*H) mm	298*290*274	419*332*348	550*348*550	602*498*602
External Size(W*D*H) mm	580*554*455	708*595*532	830*620*735	880*775*785
Package Size(W*D*H) mm	710*660*620	840*690*700	960*720*900	1010*880*940
Gross Weight(kg)	51	66	115	145

Forced Air Drying Oven



BOV-V35FI/70FI/136FI/225FI



BOV-V640FI/960FI



BOV-V429FI

Features:

- * External material: cold-rolled steel with anti-bacteria powder coating.
- * Stainless steel inner chamber, round angle structure, adjustable shelves.
- * With glass observation window.
- * PID microprocessor intelligent temperature controller.
- * Over-temperature protection.
- * Optional independent temperature protector and RS485 for FI series.



BOV-V30F/ BOV-V45F/
BOV-V65F/ BOV-V125F



BOV-V230F



BOV-V625F

Technical Parameters:

Model	BOV-V30F	BOV-V35FI	BOV-V45F	BOV-V65F	BOV-V70FI	BOV-V125F
Capacity	30L	42L	45L	65L	71L	125L
Temp. Range	RT+10~300°C	RT+10~200/ 300°C	RT+10~300°C	RT+10~300°C	RT+10~200/ 300°C	RT+10~300°C
Temp. Precision	0.1°C					
Temp. Fluctuation	±1°C					
Ambient Temp.	5~40°C					
Timing Range	1~9999min					
Shelves No.	2 pcs					
Display	LED	LED	LED		LED	LED
Consumption	800W	850/1600W	1200W	1600W	1550/2400W	2300W
Power Supply	Standard: AC220V±10%, 50/60Hz; optional: AC110V±10%, 60Hz					
Internal Size(W*D*H) mm	310*310*310	350*350*350	350*350*350	400*360*450	450*352*450	500*450*550
External Size(W*D*H) mm	460*510*695	630*630*552	500*550*735	550*550*840	735*630*652	636*680*915
Package Size(W*D*H) mm	550*580*770	725*690*685	620*585*805	640*640*905	815*690*775	725*735*1005
Gross Weight(kg)	34	60	39	47	85	58

Model	BOV-V136FI	BOV-V225FI	BOV-V230F	BOV-V429FI	BOV-V625F	BOV-V640FI	BOV-V960FI
Capacity	137L	240L	230L	420L	625L	600L	900L
Temp. Range	RT+10~200/ 300°C	RT+10~200/ 300°C	RT+10~300°C	RT+10~300°C	RT+10~300°C	RT+10~200/ 300°C	RT+10~200/ 300°C
Temp. Precision	0.1°C						
Temp. Fluctuation	±1°C						
Ambient Temp.	5~40°C						
Timing Range	1~9999min						
Shelves No.	3 pcs			2 pcs		3 pcs	
Display	LED	LED	LED	LED	LED	LED	LED
Consumption	12100/3000W	2100W	3000W	3100W	5000W	6000W	7500W
Power Supply	Standard: AC220V±10%, 50/60Hz; optional: AC110±10%, 60Hz			Standard: 380V, 50Hz		220V, 50/60Hz	
Internal Size (W*D*H) mm	550*454*550	600*495*750	600*500*750	640*585*1355	660*760*1250	800*800*1000	1000*800*1200
External Size (W*D*H) mm	835*730*752	885*780*952	730*670*1220	780*730*1780	895*925*1830	1157*975*1290	1357*975*1490
Package Size(mm)	955*705*955	965*840*1075	770*840*1420	890*890*2000	995*980*1980	1230*1050*1420	1430*105*1620
Gross Weight(kg)	115	150	103.5	249	277	260	340

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℃	50~250℃	50~200℃			
Temp. Fluctuation	±1℃					
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

Drying Oven/Incubator (Dual Purpose)



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

High Temperature Drying Oven



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		
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