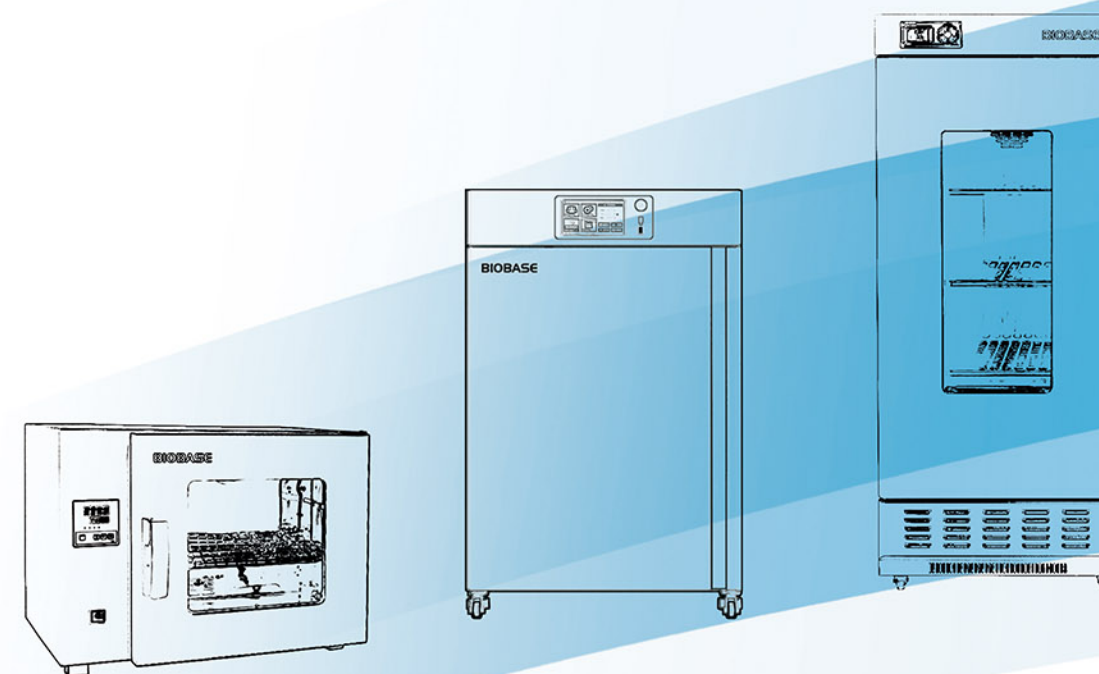


BIOBASE®

Incubator & Oven



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Version 2021

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				
CO2 Range	Infrared sensor, range 0~20%				
CO2 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			

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 UV disinfection function.
- * Optional accessories:
 - Micro printer, can print temperature data.
 - USB interface, temperature data can be exported.

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℃~ 65℃						
Temp. Fluctuation	±2℃						
Temp. Uniformity	±1℃						
Humidity Range	50% ~ 90%RH						
Humidity Fluctuation	±5~8%RH						
Display Accuracy	0.1℃ / 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

Constant-Temperature Incubator

Features:

- * Intelligent temperature controller, based on microprocessor with PID parameters controlling function, and LCD display make temperature accurate and reliable.
- * The double door makes the temperature fluctuation small. The toughened-glass inner door is convenient to observe chamber condition without affecting chamber temperature.
- * The working chamber adopts stainless steel and round angle structure, easy to clean.



BJPX-H30



BJPX-H50/80/160/270

Optional Accessories: * Independent temperature protector.

Technical Parameters:

Model	BJPX-H30	BJPX-H50	BJPX-H80	BJPX-H160	BJPX-H270
Capacity	30L	50L	80L	160L	270L
Temp. Range	RT+5~65°C				
Temp. Fluctuation	±0.3°C				
Time Setting	1~9999mins				
Alarm	Over-temperature alarm;audible and visual alarm.				
Shelves	2 pcs/adjustable			3 pcs/adjustable	
Consumption	200W	210W	280W	380W	570W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)				
Internal Size(mm)	320*300*315	350*350*410	400*400*500	500*500*650	600*600*750
External Size(mm)	650*470*510	510*520*800	580*570*890	680*670*1050	770*780*1150
Package Size(mm)	780*600*680	600*610*850	670*650*940	800*790*1200	890*890*1300
Gross Weight(kg)	45	55	57	90	130

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

Touch Screen Constant-Temperature Incubator

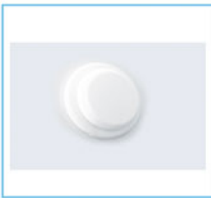
Features:

- * 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



Universal casters



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	0~999h		
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	D type: 650*573*793	D type: 718*732*890
	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
	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
	G type: 44	G type: 51	G type: 69

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-H50II	BJPX-H80II	BJPX-H160II	BJPX-H270II
Capacity	48L	84L	160L	270L
Temp. Range	RT+5~60°C			
Temp. Fluctuation	±0.3°C			
Time Range	1~9999mins			
Shelves	2 pcs/adjustable		3 pcs/adjustable	
Consumption	437W	502W	580W	688W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)			
Internal Size(mm)	350*348*400	410*405*510	505*455*700	600*600*750
External Size(mm)	510*548*740	570*590*850	673*645*1033	768*795*1083
Package Size(mm)	590*650*930	730*700*1030	800*800*1210	930*940*1250
Gross Weight(kg)	50	75	99.5	150

Climate Incubator



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



BJPX-A350II

Features:

- * Microprocessor PID control, accurate and stable.
- * Magnetic door sealing.
- * LED Display for BJPX-A series, LCD display for BJPX-All series.
- * CFC-free refrigerant, eco-friendly and highly efficient.
- * Auto defrost without influence on the inner temperature.

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-All 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-A350II	BJPX-A400/II
Capacity	248L	290L	350L	403L
Lighting Type	BJPX-A series: 2-side illumination; BJPX-All 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-A350II: 0~15000 (6-grade adjustable)			
Ambient Temp.	5~35°C			
Continuous Working Time	≥180h			
Shelves	3 pcs/adjustable			
Consumption	2400W	2900W	1640W	3400W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional,only BJPX-A350II)			
Internal Size(W*D*H) mm	470*449*1178	490*464*1278	550*550*1200	560*600*1198
External Size(W*D*H) mm	672*892*1825	691*907*1925	780*780*1900	764*1032*1860
Package Size(W*D*H) mm	800*1010*1990	790*1040*2090	940*990*2080	890*1150*2030
Gross Weight(kg)	148	158	160	200

