BIOBASE®

Vertical Type Shaking Incubator (Single Door & Double Layer)



Features:

- * Audio and visual alarm.
- * Power off recovery function.
- $\ensuremath{\ast}$ 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:

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°C 4~60°C Temp. Accuracy ±0.1°C 4.60°C Temp. Accuracy ±0.5°C (At 37°C) 4.60°C Timing Range 0-9999h/min(Can run continuously from time to time) 4.60°C Shaking Plate Size 500°360mm 5.00°360mm Shaking Plate Quantity 2pcs 4.00mm*680r250ml*38or500ml*22or1000ml*16(Flask clamp) Max. Capacity 100ml*680r250ml*38or500ml*22or1000ml*16(Haftplatte) 3.00ml*690r250ml*38or500ml*24or1000ml*16(Haftplatte) Standard Capacity 250ml*24 250ml*24 Internal Material Stainless steel External Material Stainless steel External Material Stainless steel Audio and visual alarm for over-temperature; Alarm for over	Model	BJPX-1102D	BJPX-2102D	
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+5~66°C 4~60°C Temp. Accuracy ±0.1°C Temp. Uniformity ±0.5°C(At 37°C) Timing Range 0~9999h/min(Can run continuously from time to time) Shaking Plate Size 500°360mm Shaking Plate Quantity 2pcs Shaking Plate Quantity 2pcs Max. Capacity 100ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp) 100ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp) 100ml*60or250ml*38or500ml*24or1000ml*16(Hattplatte) Standard Capacity 250ml*24 Internal Material Stainless steel External Material Stainless steel Refrigerant / CFC-Free,R134A Cooling Consumption / 250W Heating Consumption /	Controller	PID		
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°C 4-60°C Temp. Accuracy ±0.1°C 4-60°C Temp. Accuracy ±0.1°C 4-60°C Timing Range 0-9999/mini(Can run continuously from time to time) 500°C Shaking Plate Size 500°360mm 500°360mm Shaking Plate Quantity 2pcs 400°C Max. Capacity 2pos 400°C Max. Capacity 2pos 400°C Max. Capacity 2pos 400°C Max. Capacity 2pos 400°C Standard Capacity 2pos 400°C Standard Capacity 2pos 400°C Standard Capacity 2pos 400°C Refrigerant / CFC-Free,R134A Cooling Consumption / 2pos <t< td=""><td>Display</td><td colspan="2">LCD</td></t<>	Display	LCD		
Drive Mode Multitimensional 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°C 4-60°C Temp. Accuracy ±0.1°C Temp. Uniformity ±0.5°C (At 37°C) 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) Max. Capacity 250ml*24 Internal Material Stainless steel External Material Stainless steel Refrigerant / CFC-Free,R134A Cooling Consumption f 250W Heating Consumption 500W 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);	Circulation Mode	Forced convection		
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°C 4~60°C Temp. Accuracy ±0.1°C	Shaking Mode	Rotary shaking		
\$\frac{\text{string Accuracy}}{\text{Vibration Range}} \ \text{\$\tex{	Drive Mode	Multidimensional drive		
Vibration Range Φ26mm(Can customize φ35 (20-250rpm/min); φ50(20-200rpm/min)) Temp. Range RT+5~65°C 4~60°C Temp. Accuracy ±0.1°C 4~60°C Temp. Uniformity ±0.5°C(At 37°C) 4.60°C Timing Range 0~9999h/min(Can run continuously from time to time) 5.60°360mm Shaking Plate Size 500°360mm 5.00°360mm Shaking Plate Quantity 2pcs 1.00ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp) Max. Capacity 1.00ml*60or250ml*38or500ml*24or1000ml*16(Hattplatte) Standard Capacity 250ml*24 Internal Material Stainless steel External Material Stainless steel Refrigerant / 250W Cooling Consumption / 250W Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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 </td <td>Rotating Speed</td> <td colspan="2">20-350rpm(Static culture, reverse rotation or alternate operation)</td>	Rotating Speed	20-350rpm(Static culture, reverse rotation or alternate operation)		
Temp. Range	Rotating Accuracy	±1rpm		
## Temp. Accuracy	Vibration Range	Φ26mm(Can customize φ35 (20-250rpm/min); φ50(20-200rpm/min))		
Temp. Uniformity ±0.5°C(At 37°C) 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 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%, 5060Hz(Standard); 110V±10%, 60Hz(Optional) 220v±10%, 50/60Hz(Standard); 110V±10%, 50Hz(Optional) Internal Size(W*D*H)(mm) 600*410*630 220v±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional) Package Size(W*D*H)(mm) 825720*1490 </td <td>Temp. Range</td> <td>RT+5~65℃</td> <td>4~ 60℃</td>	Temp. Range	RT+5~65℃	4~ 60℃	
Timing Range 0~9999h/min(Can run continuously from time to time) Shaking Plate Size 500*360mm Shaking Plate Quantity 2pcs 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 500W 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%, 5060htz(Standard); 110v±10%, 60Hz(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	Temp. Accuracy	±0.1℃		
Shaking Plate Size 500*360mm 2pcs 100ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp) 100ml*60or250ml*36or500ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*36or500ml*24or1000ml*16(Haftplatte) 250ml*24 100ml*60or250ml*36or500ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*36or500ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*24or1000ml*16(Haftplatte) 100ml*60or250ml*16(Haftplatte) 100ml*60or250ml*16(Haftplatt	Temp. Uniformity	±0.5°C(At 37°C)		
Shaking Plate Quantity 2pcs Max. Capacity 100ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp) Standard Capacity 250ml*24 Internal Material Stainless steel External Material Stainless steel Refrigerant / CFC-Free,R134A Cooling Consumption / 250W Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Independent over-temperature protection; Ultraviolet disinfection for door opening; (Optional accessories) 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 220v±10%, 50/60Hz(Standard); 110V±10%, 50Hz(Optional) Package Size(W*D*H)(mm) 825*720*1490	Timing Range	0~9999h/min(Can run continuously from time to time)		
Max. Capacity	Shaking Plate Size	500*360mm		
Max. Capacity 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 Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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 Power Supply 220v±10%, 50l60Hz(Standard); 110v±10%, 60Hz(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	Shaking Plate Quantity	2pcs		
Standard Capacity 250ml*24 Internal Material Stainless steel External Material Stainless steel Refrigerant / CFC-Free,R134A Cooling Consumption / 250W Heating Consumption 500W 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 Power Supply 220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(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		100ml*60or250ml*38or500ml*22or1000ml*16(Flask clamp)		
Internal Material Stainless steel External Material Stainless steel Refrigerant / CFC-Free,R134A Cooling Consumption / 250W Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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 Power Supply 220v±10%, 50160Hz(Standard); 110V±10%, 60Hz(Optional) 220V±10%, 50160Hz(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	Max. Capacity	100ml*60or250ml*36or500ml*24or1000ml*16(Haftplatte)		
External Material Stainless steel Refrigerant / CFC-Free,R134A Cooling Consumption / 250W Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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 Power Supply 220V±10%, 50160Hz(Standard); 110V±10%, 60Hz(Optional) 220V±10%, 50160Hz(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	Standard Capacity	250ml*24		
Refrigerant / CFC-Free,R134A Cooling Consumption / 250W Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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	Internal Material	Stainless steel		
Cooling Consumption / 250W Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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	External Material	Stainless steel		
Heating Consumption 500W Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Safety Function 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	Refrigerant	yv.biobase.co / www	CFC-Free,R134A	
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	Cooling Consumption	1	250W	
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	Heating Consumption	500W		
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		Audio and visual alarm for over-temperature;		
Safety Function 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)) 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	Safety Function	Alarm for over-speeds;		
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		Independent over-temperature protector;		
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		Shutdown protection for door opening; (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		Leakage or over-current protection;		
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 220V±10%, 50/60Hz(Standard); 110V±10%, 50Hz(Optional) External Size(W*D*H)(mm) 700*580*1280 Package Size(W*D*H)(mm) 825*720*1490		Ultraviolet disinfection function (Optional accessories);		
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		Calibration of monitoring temperature and ambient temperature.		
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	Consumption	600W	850W	
External Size(W*D*H)(mm) 700*580*1280 Package Size(W*D*H)(mm) 825*720*1490	Power Supply	220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	220V±10%, 50/60Hz(Standard); 110V±10%, 50Hz(Optional)	
Package Size(W*D*H)(mm) 825*720*1490	Internal Size(W*D*H)(mm)	600*410*630		
2 120 120 1100	External Size(W*D*H)(mm)	700*580*1280	700*580*1280	
Gross Weight(kg) 220	Package Size(W*D*H)(mm)	825*720*1490		
	Gross Weight(kg)	220		

31 32