



# FLOOR STANDING SHAKING INCUBATOR BJW-1101

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STACKABLE REFRIGERATED SHAKING INCUBATOR, MIDDLE CAPACITY



4.3" LCD Touch Screen: Displays and sets temperature, speed, and time on a single interface. Includes an encrypted lock and alternative shaking platform rotation.  
 Data Recording & Analysis: Automatically records data every minute for up to one year; includes temperature, speed, trend curves. USB export supported.  
 Advanced Refrigeration & Defrost: Adjustable cooling for precise temperature control with timed defrost to prevent freezing during extended low-temperature operation.  
 Precise Control: The high-quality servo motor ensures accurate high-speed control and high stability.  
 Reserved Tubing Inlet: Specialized side inlet is designed to meet the oxygen needs of the samples.

## SPECIFICATIONS

|  |   |
|--|---|
| Model  | BJW-1101  |
| Layers   | 1   |
| No-load shakingspeed                                 | 10-300rpm(top layer 10-250rpm)                            |
| shaking speed accuracy                               | ±1rpm   |
| Orbit diameter                                       | Φ26mm(standard)   |
| Temperature control range                            | 4~60°C(RT at 23°C~25°C)                                   |
| Temperature controlaccuracy                          | ±0.1°C  |
| Temperature uniformity                               | ±0.5°C(at37°C)  |
| Internal chamber                                     | Round corner  |
| Display screen                                       | 4.3"LCD (touch screen)                                    |
| Convection mode                                      | Forced convection   |
| Control mode   | P.I.D microcomputer intelligent control                   |
| Maximum capacity ofeach layer(plastic clamp)         | 250mlx42 or 500mlx25or 1000mlx16 or2000mlx9 or 3000mlx8   |
| Maximum capacity ofeach layer(stainless steel clamp) | 250mlx42 or 500mlx25or 1000mlx16 or 2000mlx9or 3000mlx8   |
| Timing range   | 0-999.9hours  |
| Shaking platform size                                | 625mmx555mm   |
| Standardconfiguration                                | Plastic clamp/S..S clamp/sticky mat/spring holder         |
| Power Supply   | AC220±10%, 50~60Hz  |
| Overall Dimensions(WxDxH)                            | 980mmx800mmx635mm   |
| Overall Dimensions(L*W*H)                            | 132kg   |
| Noise level  | Below 65dB  |
| Distance from shakingplatform to top                 | 365mm   |
| Alt Name   | Stackable Refrigerated Shaking Incubator, Middle Capacity |

## FEATURES

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 Advanced Refrigeration & Defrost: Adjustable cooling for precise temperature control with timed defrost to prevent freezing during extended low-temperature operation.  
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Reserved Tubing Inlet: Specialized side inlet is designed to meet the oxygen needs of the samples.

Photosynthetic Light (Optional): Offers adjustable light intensity reaching up to 30,000 LUX. This system is energy-efficient, delivers high light output, and has a long service life, with blue/red sources available.

IQ/OQ/PQ Validation (Optional): Ensures quality and reliability through thorough installation, operation, and performance checks.

Modbus RS232/RS485/RJ45 (Optional): Flexible industrial communication options for reliable data exchange across serial and network connections after upgrading to 7" touch screen.

Magnetic Drive (Optional): Maintenance-free, ensuring ultra-smooth and quiet operation.

Amplitude Adjustment (Optional):  $\Phi 12.5$  mm/ $\Phi 25$  mm/ $\Phi 50$  mm adjustable by magnetic drive with counterweight.



Triple eccentric drive



Over-temperature alarm



UV sterilization



Imported compressor



User-friendly design



Power failure recovery



LCD Touch screen



Leakage protection

## MORE INFO

Performance Overview:

Stackable Design: Configurable with one to three layers, saving space.

Layer Design: The bottom two layers feature downward-opening doors, while the top layer has an upward-opening door.

Triple Eccentric Drive: Provides smooth, stable, and reliable operation.

Independent Control: Each layer can be controlled separately with the capability to operate at different temperatures and speeds simultaneously.

Clear Observation: Tempered glass door allows easy viewing without opening.

CFC-Free Refrigerant: Ensures low noise, effective refrigeration, and stable long-term operation at low temperatures.

Safety Protection: Includes over-temperature alarm and automatic power-off and stops immediately when the door is opened.

Automatic Restart: Non-volatile memory ensures smooth recovery after power interruptions.

Ferrite Filter Ring: Suppresses electromagnetic interference and improves signal quality.

UV Lamp: UV timing sterilization for effective germicidal action.



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