



## FLOOR STANDING SHAKING INCUBATOR BJW-1801

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STACKABLE REFRIGERATED SHAKING INCUBATOR, HIGH CAPACITY



7" LCD Touch Screen: Displays and sets temperature, humidity, CO<sub>2</sub>, speed, and time on a single interface. Includes an encrypted lock and alternative shaking platform rotation.

Data Recording & Analysis: Records up to 5 years of data including temperature curves, with a USB interface for easy export.

Advanced Refrigeration & Defrost: Adjustable cooling for precise temperature control with timed defrost to prevent freezing during extended low-temperature operation.

Fabric Blackout Curtains (Optional): Blocks external light to prevent interference during culture.

Photosynthetic Light (Optional): Offers adjustable light intensity reaching up to 30,000 LUX. This system is energy-efficient, delivers high light output, and h

## SPECIFICATIONS

| Model  | BJW-1801  |
|--|---|
| Layers   | 1   |
| No-load shaking speed                                | 10 ~ 300rpm( $\Phi$ 26mm);10 ~ 250rpm( $\Phi$ 50mm)     |
| shaking speed accuracy                               | $\pm$ 1rpm  |
| Orbit diameter                                       | $\Phi$ 26mm(standard), $\Phi$ 50mm(optional)            |
| Temperature control range                            | 4 ~ 60°C(RT at 23°C~25°C)                               |
| Temperature control accuracy                         | $\pm$ 0.1°C   |
| Temperature uniformity                               | $\pm$ 0.5°C(at37°C)                                     |
| Display screen                                       | 7"LCD (touch screen)                                    |
| Convection mode                                      | Forced convection                                       |
| Control mode   | P.I.D microcomputer intelligent control                 |
| Maximum capacityof each layer(plastic clamp)         | 250mlx60 or 500mlx40or 1000mlx23 or 2000mlx15           |
| Maximum capacityof each layer(stainless steel clamp) | 250mlx66 or 500mlx45or 1000mlx28 or 2000mlx15or5000mlx8 |
| Timing range   | 0-99.9hours   |
| Shaking platform size                                | 928mmx530mm   |
| Standard configuration                               | Plastic clamp/S.S clamp/sticky mat/spring holder        |
| Power Supply   | AC220 $\pm$ 10%, 50 ~ 60Hz                              |
| Overall Dimensions(WxDxH)                            | 1360mmx820mmx730mm                                      |
| Overall Dimensions(L*W*H)                            | 210kg   |
| Noise level  | Below 65dB  |
| Distance from shakingplatform to top                 | 465mm   |
| Alt Name   | Stackable Refrigerated Shaking Incubator, High Capacity |

## FEATURES

7" LCD Touch Screen: Displays and sets temperature, humidity, CO<sub>2</sub>, speed, and time on a single interface. Includes an encrypted lock and alternative shaking platform rotation.

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Advanced Refrigeration & Defrost: Adjustable cooling for precise temperature control with timed defrost to prevent freezing during extended low-temperature operation.

Fabric Blackout Curtains (Optional): Blocks external light to prevent interference during culture.

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 white/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.

Online App Monitoring (Optional): Enables remote tracking and management of equipment.

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



Integrated molded frame

## 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.

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

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

**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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