



## FLOOR STANDING SHAKING INCUBATOR BJW-1703

# FLOOR STANDING SHAKING INCUBATOR B JW-1703

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-1703
Layers	3
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 2000mlx15
Timing range	0-999.9hours
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)	1360mmx820mmx1740mm
Overall Dimensions(L*W*H)	585kg
Noise level	Below 65dB
Distance from shakingplatform to top	365mm
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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