



# FLOOR STANDING SHAKING INCUBATOR BJW-1003

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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-1003
Layers	3
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)	250mlx30 or 500mlx20or 1000mlx12 or 2000mlx8or 3000mlx5 or 5000mlx4
Maximum capacity ofeach layer(stainless steel clamp)	250mlx30 or 500mlx20or 1000mlx12 or 2000mlx8or 3000mlx5 or 5000mlx4
Timing range	0-999.9hours
Shaking platform size	575mmx465mm
Standardconfiguration	Plastic clamp/S..S clamp/stickymat/spring holder
Power Supply	AC220±10%, 50~60Hz
Overall Dimensions(WxDxH)	920mmx700mmx1975mm
Overall Dimensions(L*W*H)	438kg
Noise level	Below 65dB
Distance from shakingplatform to top	435mm
Alt Name	Stackable Refrigerated Shaking Incubator, Middle Capacity

## FEATURES

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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.

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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