



FLOOR STANDING SHAKING INCUBATOR BJW-502

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HIGH SPEED STACKABLE REFRIGERATED SHAKING INCUBATOR



7" LCD Touch Screen: Displays and sets temperature, humidity, CO₂, 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 and humidity curves, with a USB interface for easy export.

Automatic Humidity Control (Optional): External humidity control module replenishes R.O or distilled water and vaporizes it to high-temperature steam into air duct, reaching humidity up to 90%.

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

Adjustable Heating Power on Door Glass and Frame: Optimizes temperature and energy

SPECIFICATIONS

Model	BJW-502
Layers	2
No-load shaking speed	10 ~ 1000rpm (three motors driven)
shaking speed accuracy	±1rpm
Orbit diameter	Φ3mm
Temperature control range	4~60°C(RT at 23°C~25°C)
Temperature control accuracy	±0.1°C
Temperature uniformity	±0.5°C(at 37°C)
Inner chamber	Round corner
Display screen	7" LCD touch screen
Convection mode	Forced convection
Control	P.I.D microcomputer intelligent control
Timing range	0-999.9 hours
Shaking platform size	3 platforms/layer, each 535mmx298mm
Standard configuration	High speed micro-plate hole holder (96-well plate*30, up to 2 layers)
Power supply	AC220±10%, 50~60Hz
Overall Dimensions(WxDxH)	1360mmx820mmx1185mm
Overall Dimensions(L*W*H)	400kg
Noise level	Below 65dB
Distance from shaking platform to top	345mm
Alt Name	Stackable Refrigerated Shaking Incubator

FEATURES

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Automatic Humidity Control (Optional): External humidity control module replenishes R.O or distilled water and vaporizes it to high-temperature steam into air duct, reaching humidity up to 90%.

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

Adjustable Heating Power on Door Glass and Frame: Optimizes temperature and energy efficiency, preventing glass fogging and

condensation.

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

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.

Triple platform control: Allows one, two, or three platforms to run with individually set speeds, ensuring precise control, high-speed performance, and stable operation.



Over-temperature alarm



UV sterilization



Imported compressor



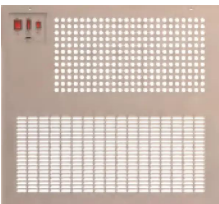
User-friendly design



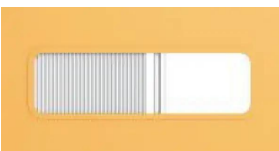
Power failure recovery



Integrated molded frame



Lightweight thermal dissipation frame



Embedded blackout curtain



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.

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

Screwless Stamped Door: Provides a sleek, aesthetically pleasing design.

Antibacterial Design: Inner chamber made of antibacterial 304 stainless steel, offering easy cleaning and a bacteriostasis rate of up to 99%.

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 sterilization for effective germicidal action.



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