



PRODUCT CATALOG



RECIPROCAL SHAKER BJW-2003

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STACKABLE REFRIGERATED SHAKING INCUBATOR RECIPROCATING MOTION



7" 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: 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 has a long service life, white/blue/red sources available.

SPECIFICATIONS

Model	BJW-2003
Layer	3
No-load shaking speed	10 ~ 120rpm
shaking speed accuracy	±1rpm
Orbit diameter	φ26mm(standard), φ50mm or φ100mm(optional)
Temperature control range	4 ~ 60°C(RT at 23°C~25°C)
Temperature control accuracy	±0.1°C
Temperature uniformity	±0.5°C(at37°C)
Display screen	7" LCD (touch screen)
Convection mode	Forced convection
Control mode	P.I.D microcomputer intelligent control
Maximum capacity of each layer (plastic clamp)	250mlx54 or 500mlx40 or 1000mlx24
Maximum capacity of each layer (stainless steel clamp)	250mlx60 or 500mlx40 or 1000mlx24
Timing range	0-999.9hours
Shaking platform size	880mmx530mm
Standard configuration	Plastic clamp/S.S clamp/sticky mat/spring holder
Power Supply	AC220±10%, 50 ~ 60Hz
Overall Dimensions(WxDxH)	1360mmx820mmx630mm1360mmx820mmx1185mm1360Mmx820mmx1740mm
Overall Dimensions(L*W*H)	1-layer 270kg, 2-layer 489kg, 3-layer 688kg
Noise level	Below 65dB
Distance from shaking platform to top	310mm
Alt Name	Stackable Refrigerated Shaking Incubator, Reciprocating motion

FEATURES

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Reserved Tubing Inlet: Specialized side inlet is designed to meet the oxygen needs of the samples.

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.

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

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



Imported compressor



User-friendly device



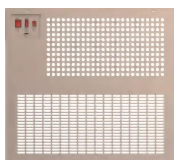
Over-temperature alarm



Power failure recovery



UV sterilisation



Light weight dissipation frame



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.

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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