



FLOOR STANDING SHAKING INCUBATOR BJW-1002

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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-1002 |
|--|---|
| Layers | 2 |
| 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) | 920mmx700mmx1340mm |
| Overall Dimensions(L*W*H) | 289kg |
| Noise level | Below 65dB |
| Distance from shakingplatform to top | 435mm |
| Alt Name | Stackable Refrigerated Shaking Incubator, Middle Capacity |

FEATURES

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 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.

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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