BLLY-100/BLLY-180/BLLY-300/BLLY-380

Vertical Refrigerated Shaking Incubator

Triple eccentric drive	Over-temperature alarm	Imported compressor
Power failure recovery	User-friendly design	UV sterilization

Performance Overview

- Eccentric triple-drive system ensures smooth, stable, durable, and reliable motion.
- Quiet fan design with forced-air convection for excellent temperature uniformity.
- Power-failure recovery function to prevent data loss during unexpected outages or system errors.
- Over-temperature alarm and automatic power-off protection for enhanced safety.
- Hollow tempered-glass door allows multi-angle observation of the chamber interior without opening the door
- Electrostatic powder-coated exterior with a streamlined design for a dean and modern appearance
- High-quality imported compressors with eco-friendly, fluorine-free refrigerants, delivering low noise and strong cooling performance for long-term stable operation at low temperatures.
- Ferrite Filter Ring: Suppresses electromagnetic interference and improves signal quality
- User-friendly door-stop function automatically halts operation upon door opening for improved safety and convenience.
- UV Lamp: UV sterilization for effective germicidal action

Main Features

- 4.3" LCD Touch Screen (BLTY-100): Displays and sets temperature, speed, and time on a single interface. Includes
- an encrypted lock and alternative shaking platform rotation, optional for BLLY-180/300/380
- Data Recording& Analysis (BLTY-100): Automatically records data every minute for up to one year; includes temperature, speed, trend curves., optional for BLLY-180/300/380
- Precise Control: The high-quality servo motor ensures accurate high speed control and high stability.
- Advanced Refrigeration&Defrost: Adjustable cooling for
- precise temperature control with timed defrost to preven freezing during extended low-temperature operation
- Fitted with adjustable support feet and casters for easy movement and positioning.
- Dual-layerrshaking platforms(BLLY-180/300/380): Maximize usable space with a compact vertical design
- Stackable design(BLLY-100): 2 units can be stackable Reserved tubing inlet: Specialized side inlet is designed to

  meet the oxygen needs of the samples
- One-piece molded plastic clamps allow easy, one-handed loading and unloading of flasks.
- Magnetic drive(Optional): Maintenance free, ensuring ultra-smooth and quiet operation
- Amplitude Adjustment(Optional):<l>l25mm/<1>25mm/<I> SOmm adjustable by magnetic drive with counterweight.

Technical Parameters

Product Name	Vertical Refrigerated Shaking Incubator	Vertical Refrigerated Shaking Incubator	Vertical Refrigerated Shaking Incubator	Vertical Refrigerated Shaking Incubator
Model	BLLY-100	BLLY-180	BLLY-300	BLLY-380
No-load shaking speed	10 ~ 300rpm	10 ~ 320rpm	10 ~ 300rpm (Φ26mm); 10 ~ 250rpm (Φ50mm)	10 ~ 300rpm (Φ26mm); 10 ~ 250rpm (Φ50mm)
Shaking speed accuracy	±1pm	±1pm	±1pm	±1pm
Orbit diameter	Φ26mm	Φ26mm	Φ26mm (standard, Φ50mm (optional)	Φ26mm (standard, Φ50mm (optional)
Temperature control range	4 ~ 60°C (RT at 23°C~25°C)	4 ~ 60°C (RT at 23°C~25°C)	4 ~ 60°C (RT at 23°C ~ 25°C)	4 ~ 60°C (RT at 23°C~25°C)
Temperature control accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature uniformity	±0.6°C (at37°C)	±0.6°C (at37°C)	±0.6°C (at37°C)	±0.6°C (at37°C)
Internal chamber	Round corner	Round corner	Round corner	Round corner
Display mode	4.3" LCD touch screen	Non-touch LCD screen	Non-touch LCD screen	Non-touch LCD screen
Convection mode	Forced convection	Forced convection	Forced convection	Forced convection
Control mode	P.I.D microcomputer intelligent control	P.I.D microcomputer intelligent control	P.I.D microcomputer intelligent control	P.I.D microcomputer intelligent control
Maximum capacity (plastic clamp)	250ml×20 or 500ml×12 or 1000ml×8 or 2000ml×5	250ml×25 or 500ml×16 or 1000ml×9 (two layers)	250ml×40 or 500ml×28 or 1000ml×15 or 2000ml×8 (two layers)	250ml×50 or 500ml×32 or 1000ml×18 or 2000ml×10 (two layers)
Maximum capacity (S.S clamp)	250ml×20 or 500ml×12 or 1000ml×8 or 2000ml×5 or 5000ml×2	250ml×25 or 500ml×16 or 1000ml×9 (two layers)	250ml×40 or 500ml×28 or 1000ml×15 or 2000ml×8 (two layers)	250ml×50 or 500ml×32 or 1000ml×18 or 2000ml×10 (two layers)
Timing range	0-999hours	0-9999hours	0-999.9hours	0-999.9hours
Shaking platform size	485mm×410mm	485mm×485mm	786mm×455mm	960mm×455mm
Standard configuration	Plastic clamp/S..S clamp /sticky mat/spring holder	Plastic clamp/S..S clamp /sticky mat/spring holder	Plastic clamp/S..S clamp /sticky mat/spring holder	Plastic clamp/S..S clamp/ sticky mat/spring holder
Power supply	AC220±10%, 50 ~ 60Hz	AC220±10%, 50 ~ 60Hz	AC220±10%, 50 ~ 60Hz	AC220±10%, 50 ~ 60Hz
Overall Dimensions(L*W*H)	600mm×766mm×998mm	760mm×680mm×1295mm	960mm×780mm×1430mm	1162mm×780mm×1430mm
Net weight	123kg	188kg	265kg	285kg
Noise level	Below 65dB	Below 65dB	Below 65dB	Below 65dB
Distance from shaking platform to top	488mm	640mm	805mm	805mm

Model	BLLY-300 2 Layers
Picture	
Product Name	BIOLINKK
Temperature Range	4℃~60℃
Temperature Accuracy	±0.1℃
Temperature Uniformity	**±1℃** (much better We utilize advanced temperature sensors to achieve more precise temperature control,thereby effectively enhancing cultivation efficiency
Control Panel	LCD touch scream
Shaking system	Obital Shaking
Orbit Diameter	φ26mm
Shaking Speed	10-300 rpm
Speed Accuracy	±1 RPM
Temperature control	PT100
Capacity	**402 L**
Timer	0-999hr 59min
Shaking-plate/tray dimension	786*455 mm (with 2 layers inside)
External Dimensions(WxDxH)	960*780*1430 mm
Flask clamps capacity (SS clamps)	**2 layers total :** **500ml x 56** **or 1L x 30** **or 2Lx 16**
other function	UV lamp with timer range of 1-5000 hrs for sterilization fluorescent lights double-fold tempered glass window Auto-alarm of temperature, build-in thermal printers and RS-485 interface

Noise Level	≤55dB (When Compressor is Running)
Auto-Recovery after Power Interuption	Yes
Warranty	1 Years agaist
Certification	CE