

Product Features

Control interface	7-inch LCD touch screen	Scalability	Up to 2 units can be stacked
No-load rotation speed range	1-390rpm	Chamber internal use height	470mm
Speed control accuracy	1rpm	Maximum capacity	90kg
Shaking throw	12.5/25/50mm	Volume	345L
Temperature control mode	PID control mode	Lighting	Fl tube, 10W
Temperature control range	Ambient -20°C-60°C (Minimum up to 4°C, room temperature 25°C)	CO ₂ measuring principle	Infrared ray (IR) detection
Temperature display resolution	0.1°C	CO ₂ control range	0-20%
Temperature stability	±0.1°C (room temperature:25°C;set value:37°C,no-load)	CO ₂ display resolution	0.10%
Temperature filed uniformity	±0.2°C (room temperature:25°C;set value:37°C,no-load)	CO ₂ supply pressure value	Pressure range of gas regulator 0.5-1bar(0.05-0.1MPa)
Maximum power	1500W	Humidity control range (optional)	35%-90%r.h (accuracy: ±2% r.h)
Timing function	0-9999 hours	Sterilization	UV sterilization
Tray size	900×560mm (handle not included)	Data export interface	USB interface
Fixture	Peacork blue sticky pad or clamps can be chosen	Historical data	800,000 messages
External dimension (W×D×H)	Single unit: 1300×850×670mm(base included) Two units: 1300×850×1300mmmm(base included)	Data storage interval	30sec-9999sec can be set
		Number of programs that can be saved	5
		The number of segments can be set per program	30
Maximum number of single-layer conical bottles	60×250ml;40×500ml;24×1000ml; 15×2000ml;15×3000ml;8×5000ml (The above is the "or" relationship, all refer to the number of single-layer load)	Working temperature	5°C-35°C
		Power supply	220-240V ,50/60Hz
		Weight	Single unit 249kg

*All products are tested biologically in a controlled environment. Radobio does not guarantee the consistency of field test results under different conditions.

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RADOBIO

STACKABLE CO₂ INCUBATOR SHAKER

XCS345 NEW

XCS345 Stackable CO₂ Incubator Shaker (CO₂ shaker) is a new generation of cell oscillation incubator launched by Radobio in combination with the different needs of biological culture customers. At present, this product integrates the advantages of Radobio products, according to the special requirements of cell culture, combined with a new humanized design concept. The perfect solution for your cell culture.





Product Features

WIDER SPEED RANGE

1~390 rpm

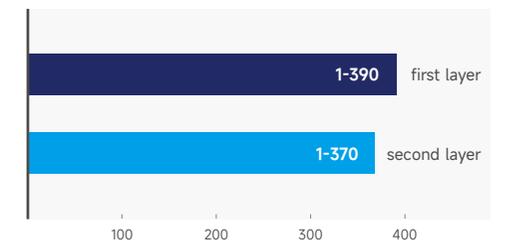
The unique and innovative bearing technology further broadens the speed control range, and can realize the speed control range of 1~390rpm, which provides an effective guarantee for meeting different experimental needs.

For some special applications of biological culture or reaction experiments, even using low speed can also achieve smooth rotation without stalling.

Provides excellent stability at high rotational speeds or simultaneous oscillations with multiple layers, minimizes significant abnormal shaking, and provides selectivity for high-speed culture, thereby effectively

improving the efficiency of mass transfer and dissolved oxygen.

Shaker plates can hold higher culture weights, the maximum load capacity of 90kg can meet almost any culture or reaction needs.



CONVENIENCE FOR TAKING AND PLACING CULTURES

UPWARD SLIDING DOOR

The upward sliding door opening mode is designed to avoid the excessive space occupied by the outward door opening mode, and provides greater convenience for users to take and place the culture.

The pneumatic rotary arm pull rod can stably support the door to stay in multiple positions, and ensure the excellent tightness of the incubator when closing the door, effectively reducing the loss of gas and energy.

EXCELLENT HEAT INSULATION AND SAFETY

DOUBLE GLAZED

Double safety glass doors inside and outside, with good thermal insulation performance.

XCS345 is suitable for all types of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc., and is the ideal culture device for cell culture before entering the bioreactor culture. XCS345 adopts beltless direct drive and unique bearing technology, stable start, almost noiseless operation, can carry high weight, wider speed range coverage, low speed can also run smoothly, high speed operation or multi-layer superposition without significant abnormal shaking. Multiple amplitudes can be adjusted to meet different cell culture needs. Unique air circulation system, so that there is no temperature uneven dead angle in the chamber, to ensure a high degree of temperature field uniformity. It can be stackable with 2 layers, which is ideal for saving laboratory space.

In addition, we provide customers with more options for extended functions to meet their complex culture needs, such as remote control and active humidity control function, monitoring equipment by configuring remote control module, viewing and exporting historical data and other operations, active humidity control function can provide a more ideal environment for cell culture. The XCS345 is ready to meet the needs of every user application.

