

CA-200/CA-C200 Stackable Incubated Shaker



/// CA-200



/// CA-C200

/// Introduction

CA-200 Incubated Shaker which can stack up to 3 layers is commonly used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and tissue research which require high temperature and oscillation frequency, also in industries of plant, biological, microbial, genetic, viral, environment protection, medical research, education and production department.

CA-C200 series is with CO₂ concentration adjustable from 0-20% on the top of CA-200.



Over temperature alarm



Multi-segment running program



Electricity failure recovery



VU lamp sterilization

Stack up:

Single/Double/Triple available according to demands

Eco-Friendly:

Fluoride-free refrigerant, low-noise compressor

Safe and efficient to use:

Program running will stop once the door is open, each stack is independent controlled

The five-axis linkage motion system:

Provide a strong, stable, reliable shaking

CO₂ concentration sensor (for CA-C200):

High precious top brand CO₂ concentration sensor

Good Air Tightness (for CA-C200):

Excellent structural design leads a good air tightness, can save CO₂ for users

Features

- Compact design, stack up to three units high, Space-saving
- Big sized observation window which is hollow and heated
- Good heat insulation and temperature uniformity due to full filled by polyurethane
- Well-known brand compressor and MCU controlled technology make accurate temperature
- Top quality Servo motor brings long-life, precise shaking speed
- LCD touch screen with unique UI interface
- Operation protection, user can set password to protect program running
- With a data storage function, can display curve also, dual USB interfaces for data export
- (Optical) Three -level authority system and audit tracking function

Product parameters

Product	Stackable Incubated Shaker		
Model	CA-200A/CA-C200A(single)	CA-200B/CA-C200B(double)	CA-200C/CA-C200C(triple)
Speed (no load)	CA-200 series: 0、5 rpm – 330 rpm (Top layer 250rpm of CA-200C) CA-C200 series: 0、5 rpm – 300rpm (Top layer 250rpm)		
Speed accuracy	$\pm 1\text{rpm}$		
Amplitude	CA-200 series: $\Phi 26\text{mm}$ (standard), $\Phi 50\text{mm}$ (optional) CA-C200 series: $\Phi 50\text{mm}$ (standard), $\Phi 26\text{mm}$ (optional)		
Temperature range	$4^{\circ}\text{C} \sim 60^{\circ}\text{C}$ (under room temperature of $23^{\circ}\text{C} - 25^{\circ}\text{C}$)		
Temperature adjustment accuracy	$\pm 0.1^{\circ}\text{C}$		
Temperature uniformity	$\pm 0.5^{\circ}\text{C}$ (@ 37°C)		
CO ₂ control range (CA-C200 series)	0~20% with accuracy of 0.1% (only for CA-C200 series)		
Display	LCD(Touch Screen)		
Convection way	Forced-convection heat transfer		
Temperature control	PID		
Timer	0~999h59S		
Interchangeable platform size	555mm X530mm		
Loading height	345mm		
Max clamps capacity	250mlX36/500mlX25/1000mlX16/2000mlX9/3000mlX5(Flask's height < 330mm) (One Unit)		
Voltage	AC 220 V $\pm 10\%$, 50 Hz/60 Hz		
Power	800W		
Fuse	10A and 15A		
Dimension (LxWxH)	970X807X658 (mm)	970X807X1216 (mm)	970X807X1774 (mm)
Weight	190kg	368kg	546kg
Noise	< 55dB		