

# CA-C108 CO<sub>2</sub> Stackable Incubated Shaker



## Introduction

CA-C108 is a stackable incubated shaker with CO<sub>2</sub> on basic of CA-108, commonly used in bacterial culture, fermentation, hybridization, biochemical reaction, enzyme and tissue research which require high temperature and oscillation frequency also used in industries of plant, biological, microbial, genetic, viral, environment protection, medical research, education and production department.

## Features

- Imported infrared CO<sub>2</sub> sensor can control CO<sub>2</sub> concentration accurately
- Space saving by stacking up to triple
- Reliable, stable and smooth shaking due to “3- eccentric-shaft linkage” design
- Eco-friendly compressor with fluoride-free refrigerant and low noise
- Safe platform stops upon door open
- Multi-segment program available
- Double-glazed security door with heating film to avoid fogging and dripping
- High quality servo motor provides accurate speed control

Product parameters			
Product	CO <sub>2</sub> stackable Incubated Shaker		
Model	CA-C108A	CA-C108B	CA-C108C
Speed(no load)	5rpm-350rpm (Top stack of CA-C108C max.300rpm)		
Speed accuracy	±1rpm		
Amplitude	Φ26mm		
Temperature range	4 °C ~ 60 °C (under room temperature of 23°C -25°C)		
Temperature adjustment accuracy	±0.1°C		
Temperature uniformity	±0.5°C (@ 37 °C)		
CO <sub>2</sub> control range	0-20%		
CO <sub>2</sub> control accuracy	0.1%		
Display	LCD Touch Screen		
Convection way	Forced-convection heat transfer		
Temperature control	PID		
Timer	1min ~ 999h		
Interchangeable platform size	475mm X465mm		
Loading height	345mm		
Voltage	AC 220 V ±10 %, 50 Hz/60 Hz		
Power	700W		
Fuse	10A and 15A		
Dimension (LxWxH)	800×715×646(mm)	800×715×1192(mm)	800×715×1738(mm)
Total Weight	115kg	230kg	345kg
Noise	≤ 55dB		

## Capacity of one stack:

Flask type	Max. flasks on adhesive platform	Max. Flasks on clamp platform
250ml	25	25
500ml	16	16
1000ml	9	9
2000ml	5	5