

CA-C108 CO₂ Stackable Incubated Shaker



///Introduction

CA-C108 is a stackable incubated shaker with CO₂ 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 CO₂ sensor can control CO₂ 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 ₂ stackable Incubated Shaker		
Model	CA-C108A(Single)	CA-C108B(Double)	CA-C108C(Triple)
Speed(no load)	0 or 5rpm-350rpm (Top stack of CA-C108C max.300rpm)		
Speed accuracy	±1rpm		
Amplitude	Φ26mm		
Temperature range	4℃～60℃ (under room temperature of 23℃ -25℃)		
Temperature adjustment accuracy	±0.1℃		
Temperature uniformity	±0.5℃ (@ 37℃)		
CO ₂ control range	0-20%		
CO ₂ control accuracy	0.1%		
Display	LCD Touch Screen		
Convection way	Forced-convection heat transfer		
Temperature control	PID		
Timer	0-999h59S		
Interchangeable platform size	475mm X465mm		
Loading height	345mm		
Max Capacity (spring clamps) plate	250mlX25/500mlX16/1000mlX9/2000mlX5/3000mlX4(Flask's height < 330mm) (One Unit)		
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		