

CV-C180 CO₂ Vertical Incubated Shaker



Introduction

CV-C180 vertical type Incubated shaker with CO₂, used for bacterial culture, fermentation, hybridization, biochemical reactions, enzymes and components textile research, etc. As well as plants, organism, microorganisms, genetics, viruses, environmental protection, medicine.

Features

- Imported infrared CO₂ sensor can control CO₂ concentration accurately
- Over-temperature alarm, Power failure recovery function
- Reliable, stable and smooth shaking due to “5- eccentric-shaft linkage” design
- Accurate temperature control and uniformity due to high density polyurethane foam filled
- Multi-segment program available
- Double-glazed security door with heating film to avoid fogging and dripping
- Dual USB interfaces for data storage

Product parameters	
Product	Vertical Incubated Shaker
Model	CV-180
Speed(no load)	5rpm-320rpm
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	±0.8°C (@ 37 °C)
CO2 control range	0~20%
CO2 control accuracy	0.1%
Display	LCD Touch Screen
Convection way	Forced-convection heat transfer
Temperature control	PID
Timer	1min ~ 999h
Interchangeable platform size	480mm X480mm
Loading height	667mm
Voltage	AC 220 V ±10 %, 50 Hz/60 Hz
Power	800W
Fuse	10A and 15A
Dimension (LxWxH)	688×688×1280(mm)
Total Weight	190kg
Noise	≤ 55dB

Capacity of one stack:

Flask type	Capacity(Pcs of flasks)
250ml	25
500ml	16
1000ml	9 (two layer)