

ANICELL

Large Capacity CO₂ Shaking Incubator

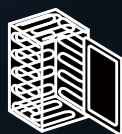
Ambient +5°C to 60°C

30~200RPM/
30~250RPM

450L/650L/850L



3 Independently
Controlled Orbital Shakers



Precise 6-sided
Direct Heating



Stable CO₂ Control Via
IR CO₂ Sensor



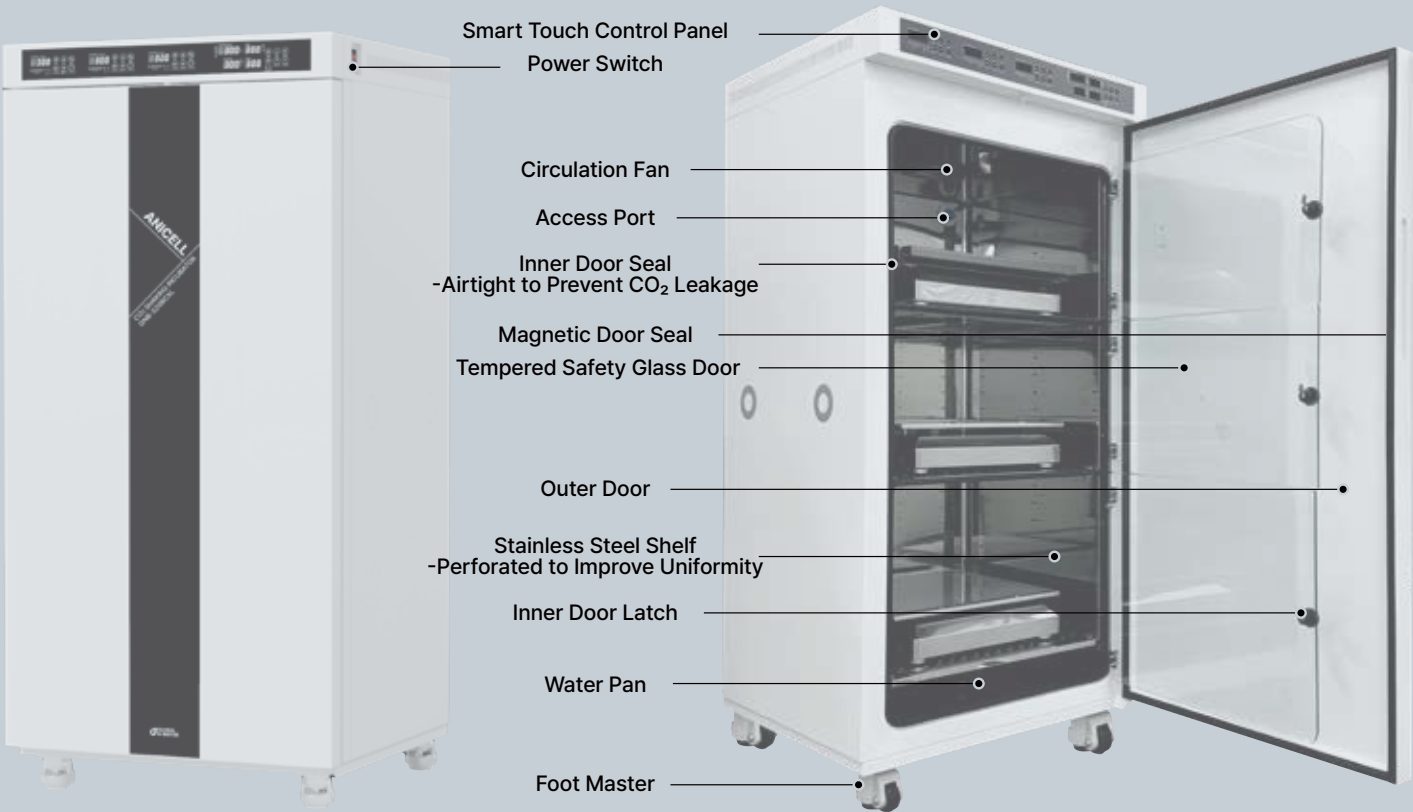
HEPA + UV-C
Decontamination

Features

Anicell is a premium CO₂ incubator designed to support a broad spectrum of research applications, including biosimilar production, proteomics, crystallography, genomics, cell biology, and drug development. Its large-capacity chamber and independently controlled shaking system create an optimized environment for cell culture, microbial culture, and protein production. Offering scalability from research to production, Anicell provides a flexible culture solution that meets a wide range of operating requirements.



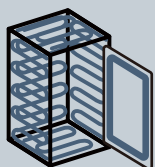
▲ Smart Touch Control Panel



▲ Outer Door Close

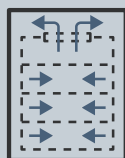
▲ Inner Doors Open

Benefits



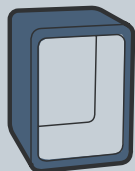
6-sided Direct Heating System

Heaters on all 6-sides of the chamber evenly distribute heat to maintain stable temperature. The chamber quickly recovers to the set temperature even after the door is opened.



Forced Air Circulation System

The air and humidity inside the chamber circulate evenly through the forced circulation fan, helping maintain a stable internal environment.



Stainless Steel Interior & Rounded Corners

The chamber interior is made of durable stainless steel with rounded corners, minimizing contamination risk and making cleaning easy.



Superior Temperature Control

Ensures stable temperature regulation through microprocessor PID control and an efficient airflow design.



Individual Shaker Control

Each orbital shaker can be individually controlled by an external control panel.



Dual Beam NDIR CO₂ Sensor

Equipped with an infrared (IR) sensor that enables precise and stable control of CO₂ concentration.



HEPA Filter

The HEPA filter located beneath the circulation fan filters airborne particles and microorganisms to help maintain a clean environment inside the chamber.



UV Sterilization

UV illumination sterilizes the circulating air, maintaining a clean and safe incubation environment.



BLDC Motor

The brushless BLDC motor minimizes vibration, noise, and heat, requiring no replacement parts and operating stably under high humidity and CO₂ conditions.



Inner Divided Door

Split inner glass doors helps lower gas consumption, lower heat loss, fast temperature recovery and easy classification of sample.



Sticky Mat & Various Holders

Sticky mats and various holders, such as flasks and tube racks, can be securely fixed on the shaker for flexible use.



Sliding Platform(Optional)

The shaker platforms are designed to slide out easily, providing convenient access and easy handling.

FLASK CAPACITY	GNB-S206CX	GNB-S206CXL	GNB-S206CXXL
125ml Flask	MAX. 104 EA	MAX. 156 EA	MAX. 156 EA
250ml Flask	MAX. 60 EA	MAX. 90 EA	MAX. 90 EA
500ml Flask	MAX. 40 EA	MAX. 60 EA	MAX. 60 EA
1000ml Flask	MAX. 32 EA	MAX. 48 EA	MAX. 48 EA
2000ml Flask	MAX. 9 EA	MAX. 9 EA	MAX. 27 EA

Specification

INCUBATOR		GNB-S206CX	GNB-S206CXL	GNB-S206CXXL
Chamber Volume		450L	650L	850L
Built-in Apparatus		2 Shakers	3 Shakers	
Temperature	Range	Ambient +5°C to 60°C		
	Accuracy	±0.25°C at 37°C		
CO ₂	Range	0% to 20%		
	Accuracy	±0.3% at 5% (at 37°C)		
	Sensor	Dual-Wavelength NDIR CO ₂ Sensor Probe		
	Inlet Pressure Range	0.7 to 1 bar		
Door	Out Door	Magnetic Door with Silicone Gasket		
	Inner Door	2 Independent Tempered Safety Glass Doors	3 Independent Tempered Safety Glass Doors	
Heating		6-side Direct Heating		
Humidity		≥80% at 37°C		
Filter		HEPA Filter		
Sterilization Lamp		U.V 4W x 1ea		
Chamber Material		SUS304		
Shelves		2 shelves	3 shelves	
Operation & Display		Electronic Touch Buttons & 0.56-Inch White 7-Segment LED Display		
Each Compartment Dimension		Compartment 1(Bottom) 700(W)x650(D)x430(H)mm Compartment 2(Top) 700(W)x650(D)x380(H)mm	Compartment 1(Bottom): 700(W)x650(D)x430(H)mm Compartment 2, 3(Middle, Top): 700(W)x650(D)x380(H)mm	700(W)x800(D)x410(H)mm
Dimensions	Interior	700(W)x650(D)x1030(H)mm	700(W)x650(D)x1430(H)mm	700(W)x800(D)x1530(H)mm
	Exterior	820(W)x780(D)x1360(H)mm	820(W)x775(D)x1760(H)mm	820(W)x925(D)x1860(H)mm
Weight		Approx. 280kg	Approx. 323kg	Approx. 393kg
Power		AC110/220V, 50/60Hz		
Power Consumption		900W	1200W	

SHAKER		GNB-S206CX	GNB-S206CXL	GNB-S206CXXL
Motion		Orbital		
Speed	Range	30 to 200 rpm		30 to 250 rpm
	Increment	1 rpm		
	Accuracy	±1 rpm		
Time	Range	Continuous or up to 99h 59min		
	Accuracy	±1%		
	Increment	1 min		
Orbit Diameter		25mm		
Motor		Plate-Type BLDC Motor		
Dimension	Platform	520(W)x520(D)mm		
	Exterior	465(W)x540(D)x125(H)mm		