

191L Dry-Wall CO₂ Incubator

◆ Description

Crystal CO₂ incubator offers accurate, reproducible cell culture conditions for microbiology with high temperature uniformity, thanks to the reliable microprocessor controller, which ensures the . Bacteria and spores are eliminated by advanced sterilization technology. The unique, deep-drawn stainless chamber has no built-in obstructions and makes it very easy to clean.

◆ Features

- Infra-Red (IR) sensor for precise and reliable CO₂ detection;
- HEPA air filtration provides class 100 air purification;
- High temperature or moist heat function makes it easy to sterilize;
- Temperature control on the door prevents condensation ;
- Audible and visual alarm for over limit status;
- Mirror grade stainless steel chamber with round corner for easy clean up.



191L Dry - Wall CO₂ Incubator with Touch Screen New

- 7" Color touch screen: intuitive and module display with password protection
- Stackable of two
- Innovative chamber design: no sharp internal corner to minimize possible bacteria, super easy to clean.



◆ Specifications

Model	CI-191C	CI-191CX New	CI-191CHX New	CIB-191C	CIB-191CX New	CIB-191CHX New
Product Name	CO ₂ Incubator (191L)	CO ₂ Incubator (191L, Dry Heat Sterilization, Touch Screen)	CO ₂ Incubator (191L, Dry Heat Sterilization and RH Controller, Touch Screen)	CO ₂ Incubator (191L)	CO ₂ Incubator (191L, Moist Heat Sterilization, Touch Screen)	CO ₂ Incubator (191L, Moist Heat Sterilization and RH Controller Touch Screen)
Capacity	191L					
Temp. Range	Room Temp. Plus 5°C~60°C					
Temp. Accuracy	±0.1°C					
Temp. Uniformity	±0.3°C (@37°C)					
CO ₂ Sensor	IR					
CO ₂ Control Range	0~20%					
CO ₂ Control Accuracy	±0.1%					
Recover Time after Open Door on Temp.	≤6min (@37°C)					
Recover Time after Open Door 30s on Co ₂	≤6min (@5%)					
RH Type	Evapor Naturally	RH Control	Evapor Naturally	RH Control	Evapor Naturally	RH Control
Max. Humidity	95% (@37°C)					
RH Control Range	NA	10%~95% RH Naturally	NA	10%~95% RH Naturally	NA	10%~95% RH Naturally
RH Set Accuracy	NA	±1%	NA	±1%	NA	±1%
RH Control Accuracy	NA	±5%	NA	±5%	NA	±5%
RH Uniformity	NA	±2%	NA	±2%	NA	±2%
Water Refill on RH Controller	NA	Automatic	NA	Automatic	NA	Automatic
Principle of RH Sensor	NA	Capacitance	NA	Capacitance	NA	Capacitance
Disinfection	140°C Dry Heat Sterilization			90°C Moist Heat Sterilization		
Door Open Direction	Rightward					
Display	NA	7" Color Capacitance Touch Screen	NA	7" Color Capacitance Touch Screen	NA	7" Color Capacitance Touch Screen
Touch Screen Type	NA	Capacitance	NA	Capacitance	NA	Capacitance
Auto-lock	NA	Yes	NA	Yes	NA	Yes
Auto-close Screen	NA	Yes	NA	Yes	NA	Yes
Protect Set Parameters	NA	Passwords Protect	NA	Passwords Protect	NA	Passwords Protect
Display the Date	NA	In 7 Days	NA	In 7 Days	NA	In 7 Days

Model	CI-191C	CI-191CX	CI-191CHX	CIB-191C	CIB-191CX	CIB-191CHX
Date Curve Display	NA	Temp. Curve, CO ₂ Curve, RH Curve, Speed Curve (with CO ₂ Resistant Shaker)		NA	Temp. Curve, CO ₂ Curve, RH Curve, Speed Curve (with CO ₂ Resistant Shaker)	
Max. Number of Shelves	13					
Standard Number of Shelves	4					
Insulation	Dry-Wall					
U Disk Download Date	NA	Yes		NA	Yes	
Date Store Years	NA	More than 912 days		NA	More than 912 days	
Date Store Time	NA	1min		NA	1min	
Date Store Types	NA	Time, Temp, Speed (with CO ₂ Resistant Shaker), RH, Machine Status		NA	Time, Temp, Speed (with CO ₂ Resistant Shaker), RH, Machine Status	
Auto-run after Power Recovery	Yes					
Noise Level	≤53dB					
Water Sparge Resistant	Yes					
Interface Languages	NA	Chinese or English		NA	Chinese or English	
Volume of Humidity Pan	3L		NA	3L		NA
Power	≤1300W					
Power Supply	AC 220V±22V, 50Hz / 60Hz					
CO ₂ Resistant Shaker (Option)	NA	CO-06U Series Option		NA	CO-06U Series Option	
Mobile Monitor and Control by WiFi (Option)	NA	Option		NA	Option	
PC Monitor and Control by RS485 (Option)	NA	Option		NA	Option	
Net Weight	125kg		129kg	125kg		129kg
Outside Dimensions (WxDxH)	670x705x1010mm					
Chamber Dimensions (WxDxH)	705mm					
Temp. Alarm	Adjustable					
CO ₂ Alarm	Adjustable					
HEPA	NA	Yes		NA	Yes	

◆ Accessories



HEPA



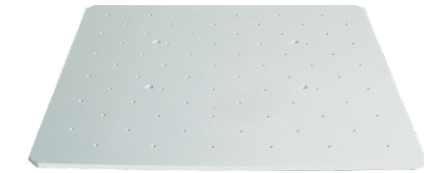
Inlet Filter HEPA

Part Number	Specifications	Note	Part Number	Specifications	Note
CIA13 (Standard Configure)	φ140x44mm	Service Life: 1 year	CIA15 (Standard Configure)	φ54x53mm	Service Life: 1 year Filtration of Minimum Particles: 0.22μm Max.withstand voltage : 0.3Mpa

◆ Accessories



CO₂ Orbital Shaker Host



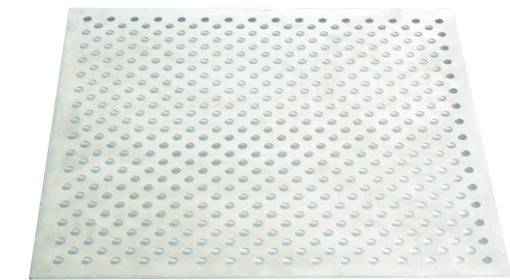
Aluminum Platform

Part Number	Specifications	Note
CIA20 (Optional)	φ19mm Orbit 360x330x96mm	Only for CO ₂ Incubator with Touch Screen.
CIA21 (Optional)	φ30mm Orbit 360x330x96mm	
CIA22 (Optional)	φ50mm Orbit 360x330x96mm	

Part Number	Specifications	Note
OSA11 (Optional)	300x360mm	
OSA36 (Optional)	400x400mm	



CO₂ Orbital Shaker



Partition

Part Number	Specifications	Note
CO-06U(Optional)	φ19mm Orbit , 16kg 305x360mm(Platform)	主机尺寸: 360x330x96mm 控制盒: 90x160x26mm
CO-06UC2 (Optional)	φ30mm Orbit, 16kg 305x360(Platform)	
CO-06UC5 (Optional)	φ19mm Orbit, 17kg 300x360mm(Aluminum Platform)	
CO-06UC6 (Optional)	φ50mm Orbit, 16kg 313x359mm(Platform)	

Part Number	Specifications	Note
CIA12 (Standard Configure)	475x475x12mm	Standard Partition, Bearing: 13kg.
CIA24 (Optional)		Heavy partition , Bearing: 23kg.



Rubber Platform

Part Number	Specifications	Note
OSA12 (Optional)	305x360mm	