CO_2 Incubator



CI-160CX



CI-191CX

Product Features

- 6- sided wall heating, air-jacketed
- Double door: inner glass door and outer door
- Equipped with microbiological grade HEPA filter at the CO_2 access port, effectively filtering particles ≥0.3μm including bacteria, dust and gas contaminants with a filtration efficiency of 99.99%
- Infra-Red (IR) sensor precisely and reliably detects CO_2 concentration
- Door heater prevents formation of condensation on glass door of heater
- 7" high-resolution touchscreen
- Stainless steel chamber with rounded corners for easy cleaning
- 140 °C dry heat or 90 °C moist heat disinfection
- Audible and visual alarms alert user if parameters fluctuate outside set range
- Standard with 4 shelves (can fit up to 13 shelves)









191L CO_2 Incubator-Touch Screen

AIREA™ CO_2 Incubator

The AIREA™ is designed to best support a variety of cell cultures with its precise control of temperature and CO_2 concentration. Smart capabilities in the touchscreen and remote monitoring accessory simplify the process of setting, adjusting, and monitoring parameters.

The precise internal control of the AIREA™ CO_2 Incubator takes the user's set parameters and creates accurate and optimal conditions for cell growth. The temperature uniformity and absence of condensation provided by the heated door also help ensure consistent results throughout the incubator' s chamber. Reliable CO_2 and humidity sensors deliver accurate readings and take the guesswork out of managing the environment of cell.





A chieve optimal cell growth



Accessories

Shelf	Part Number	Name	Note
	CIA12 (Standard Configure)	Shelf	(475*475*12)mm, Standard Max load: 13kg
	CIA24 (Optional)	Heavy duty Shelf	(475*475*12)mm Heavy duty shelf, standard for Co-06UW Shaker

HEPA	Part Number	Specifications	Note
	CIA13 (Standard Configure)	φ140*44mm	Service life: 1 year ChamberHEPA Filter

Incubator Remote WiFi Control Monitor (App incuded)	Part Number	Note
	CIA19 (Optional)	Included APP Software, Control Monitor

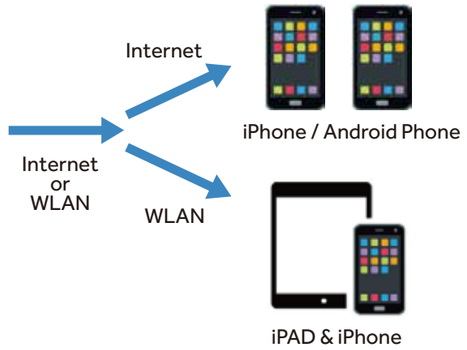
HEPA Inlet Filter	Part Number	Specifications	Note
	CIA15 (Standard Configure)	Φ 54*53mm	Service Life: 1 year minimum filter pore size: 0.22um Pressure resistance: 0.3Mpa

Relief Valve (Part number: CIA25)


Incubator Remote Monitoring APP Software (Optional)



Remote Wi-Fi Controller





Specifications

Model	CI-191CX	CI-191CHX
Main Differences	191L, Dry Heat Sterilization	191L, Dry Heat Sterilization, RH Control
Capacity	191L	
Temp. Range	Ambient+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%	
Temp.Recovery After Door Opens 30s	≤6min (@37°C)	
CO_2 Recovery After Door Opens 30s	≤6min (@5%)	
Humidity Method	Evapor Naturally	RH Control
Max.Humidity	90% (@37°C)	95% (@37°C)
RH Control Range	N/A	Ambient Humidity + 10%~90%
RH Set Accuracy	1%	
RH Control Accuracy	N/A	1%
RH Uniformity	±2%	
RH Sensor	Capacitive humidity sensor	
Disinfection	140°C dry heat sterilization	
Door Open Direction	Rightward	
Display	7' color capacitance touch screen	
Touch Screen Type	Capacitance	
Screen Auto-lock	Yes	
Screen Auto-sleep	Screen sleeps after setinactive time	
Protect Set Parameters	Passwords protect	

Model	CI-191CX	CI-191CHX
Data Display	Temp.,CO_2, RH, Speed (If with CO_2 Orbital Shaker)	
Max.Number of Shelves	13	
Standard Number of Shelves	4	
Insulation	Dry-Wall	
USB Export Data	Yes	
Data Export Period	Most recent 912 days of Data	
Operating Data Storage Interval	1 min	
Data Storage Types	Time, Temp, Speed (with CO_2 Orbital Shaker), RH, Machine Status	
Auto-run After Power Recovery	Yes	
Noise Level	<53dB	
Languages	Chinese or English	
Volume of Humidity Pan	3L	
Power	≤1300W	
Power Supply	AC220V±22V, 50Hz/60Hz	
CO_2 Orbital Shaker	OSC-26M Series Optional	
Mobile Monitor and Control by WiFi	Optional	
PC Monitor and Control by RS485	Optional	
Net Weight	129kg	
Outside Dimensions (W*D*H)	670*705*1010mm	
Chamber Dimensions (W*D*H)	540*510*705mm	
Temp.Alarm	Adjustable	
CO_2 Alarm	Adjustable	
HEPA Life Time	Available on screen	