

CO₂ INCUBATOR DS-191CHX



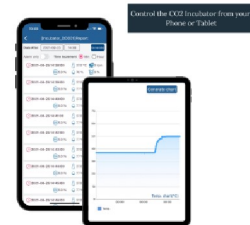
Product Overview

The CO₂ Incubator (DS-191CHX) is an air-jacketed, dry-wall insulation CO₂ Incubator with temperature, CO₂ concentration, and humidity functions. With this incubator, customers have the ability to visualize performance and data set on the DS-191CHX Remote Monitoring accessory and app.



Product Features

1. Chamber HEPA air filtration provides class 100 purification
2. Infra-Red (IR) sensor precisely and reliably detects CO₂ concentration
3. Easy sterilization process at 140°C dry heat
4. Temperature controlled door prevents condensation and provides higher temperature stability and uniformity
5. Intuitive 7" hi-res capacitive touch screen
6. Includes 4 shelves (can hold up to 13)
7. Smart capabilities allow user to control CTI CO₂ Incubator from a phone or tablet
8. Visualize performance and changes over time with function performance graphs
9. Audible and visual alarms alert user if parameters fluctuate outside set ranges



Model	DS-191CHX
Product Name	CO ₂ Incubator 191L, Dry Heat Sterilization, Touch Screen
Capacity	191 L (6.75 cuft)
Temp. Range	Room Temp. Plus 5°C ~ 60°C
Temp. Accuracy	±0.1°C (@ 37°C) ±0.3°C max
Temp. Uniformity	±0.3°C (@ 37°C) ±0.6°C max
CO ₂ Sensor	IR
CO ₂ Concentration Range	0 ~ 20%
CO ₂ Concentration Accuracy	± 0.1%
Recovery Time after Opening Door	≤ 6 min (@37°C)
Relative Humidity Type	Natural Evaporation from Humidity Pan
Disinfection	140°C Dry Heat Sterilization
Disinfection Duration	12 Hours
Direction of Door Swing	Right
Display	7" Color Capacitance Touch Screen
Protection for Set Parameters	Password Protected
Data Display	7 days
Data Curve Display	Temp. Curve, CO ₂ Curve, RH Curve, Speed Curve(with CO ₂ Resistant Shaker)
Max Number of Shelves	13
Standard Number of Shelves	4
Shelf Dimensions (D x W)	472 x 472mm (18.85 x 18.85 inches)
Max Load per Shelf (When sliding in and out)	15 kg (33.06 lb)
Max Load per Shelf (Stationary)	20 kg (40.09 lb)
Insulation	Dry-Wall
U Disk Download Date	Yes
Data Storage	Most Recent 912 Days of Data
Data Storage Increments	1 min
Data Storage Types	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	English / Chinese
Volume of Humidity Pan	3L
Power	≤ 1100W
Power Supply	AC 110V / 60Hz
Mobile Monitor and Wifi Control	Optional
PC Monitor and Control by RS485	Optional
Net Weight	125 kg (275.58 lb)
Outer Dimensions (D x W x H)	670.50 x 699.50 x 1012 mm (26.40 x 27.54 x 39.84 inches)
Chamber Dimensions (D x W x H)	540 x 510 x 700 mm (21.26 x 20.08 x 27.56 inches)
Temp. Alarm	Adjustable
CO ₂ Alarm	Adjustable
Chamber HEPA Filter	Yes

ACCESSORIES **DS-191CHX**



CO2 Inlet HEPA Filter
1 Year Service Life
Model: CIA15



Remote Monitoring for
CO2 Incubator
Model: CIA19



Shelves
CO2 Incubator
Model: CIA24



Chamber HEPA Filter
1 Year Service Life
Model: CIA13



Caster Wheels
Model: CIA28



CO2 Cylinder Pressure Regulator
Model: CIA25

BENCHTOP EQUIPMENT COMPATIBLE



CO2 Resistant Mini Roller
Model: DS-01UA/DS-03UA



CO2 Resistant Orbital Shaker
Model: DSC-26M