

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
Temp. Range	Room Temp. Plus 5°C ~ 60°C
Capacity	191L
Temp. Accuracy	0.1°C
Temp. Uniformity	+0.3°C (@37°C)
CO ₂ Sensor	IR
CO ₂ Control	0-20%
CO ₂ Control	0.1%
Temp. recovery opens 30s	<6min (@37°C)
CO ₂ recovery opens 30s	<6min (@5%)
Humidity Method	RH Control
Max. Humidity	Max. Humidity
RH Control Range	Ambient Humidity +10%-90%
RH Set Accuracy	1%
RH Control Accuracy	1%
RH Uniformity	+2%
RH Sensor	Capacitive humidity sensor
Disinfection	90°C Moist 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 set inactive time
Protect Set Parameters	Passwords Protect
Data Display on Interface	In 7 Days

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