

MINI CO₂ INCUBATOR (NB-203 / NB-203C)

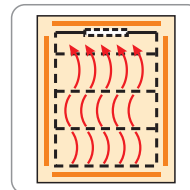
The small incubator is for the experiments of the cultivations of animal cells, sperm/ovum, anaerobic cells, all sorts of microbe cells, hatching/germinating and special tissues.



NB-203



NB-203 Inside



IR PLATE
Six-sides heating chamber keeps temperature uniformity in the chamber and reduces potential condensation as well as ensure the precise control of temperature.



Natural air circulation passing through shelves



Round corner for easy-clean.



Safety Switch

Accessories * The detail on accessories is written at the end of section.



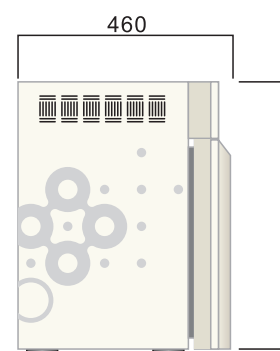
GAS Regulator



CO₂ Analyzer



SHELVES



Features

- **Intelligence system**
Artificial intelligence system maintains precise speed and time control by using MICOM.
- **Temperature uniformity $\pm 0.1^{\circ}\text{C}$**
Six-sides heating chamber is possible for Temperature uniformity $\pm 0.1^{\circ}\text{C}$
- **No condensation**
Tempered glass inner door makes inside observation without dew condensation
- **IR CO2 sensor**
Detect CO2 concentration to as low as 0.1% and CO2 recovery is rapid regardless variation of temperature and humidity the environment by IR Sensor.
- **Cooling function <NB-203LC>**
NB-203LC allows to carry out the experiment in lower temperature than room temperature.
- **Compact size to maximize lab space**
Per user's requirement, it's possible to set up in work station.
- **Gas uniformity without stratification.**
- **Natural air circulation passing through shelves**



Stacked NB-203



Specification

Items	Unit	NB-203	NB-203C
Temperature			
range	$^{\circ}\text{C}$	Ambient $+5^{\circ}\text{C}$ to 60°C	Ambient -5°C at RT 37°C to 60°C (Peltier)
accuracy	$^{\circ}\text{C}$		$\pm 0.1^{\circ}\text{C}$ at 37°C
increment	$^{\circ}\text{C}$		0.1°C
control		Microprocessor digital PID control	
CO2			
range		0% to 20%	
accuracy	$^{\circ}\text{C}$	$\pm 0.1\%$ at 5% at 37°C	
increment		0.1%	
sensor		IR CO2 Sensor	
control		Microprocessor	
Door			
out door		Silicon Packing Magnet Door	
inner door		Tempered Safety Glass Door	
Operating panel		Individual 2 Channel Touch Button	
Display		5 digit LED x 2	
Jacket type		Dry Wall Type (6 sides IR heat plate)	
Chamber material		Stainless Steel (304)	
Chamber volume	liter	42 liter	
Number of shelves		2 ea (Max shelves 10ea)	
Chamber dimension	mm	320(W) x 350(D) x 370(H)mm	320(W) x 350(D) x 370(H)mm
Overall dimension		407(W) x 460(D) x 577(H)mm	407(W) x 510(D) x 577(H)mm
Power	V/Hz	110/220V, 50/60hz	
Weight	kg	25kg	26kg