

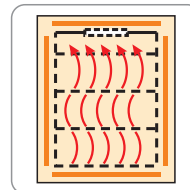
CO₂ INCUBATOR (NB-203XL)

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



NB-203XL

Stacked NB-203XL



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

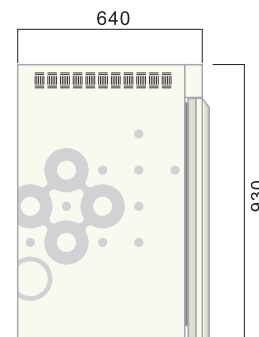
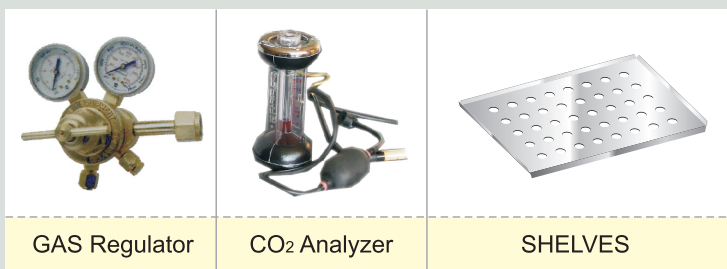


Round corner for easy-clean.



Safety Switch

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



Features

- **Intelligence system**
Artificial intelligence system maintains precise speed and time control by using MICOM.
- **Temperature uniformity $\pm 0.1^{\circ}\text{C}$**
Special six sides heating function keeps temperature uniformity in chamber.
- **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.
- **Gas uniformity without stratification.**
- **Natural air circulation passing through shelves**



Specification

Items	Unit	NB-203XL
Temperature		
range	$^{\circ}\text{C}$	Ambient $+5^{\circ}\text{C}$ to 60°C
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%
inlet pressure		0.1MPA(bar)
sensor		IR CO2 Sensor
Door		
out door		Silicon Packing Magnet Door
in 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 Heat)
Chamber material		Stainless Steel (304)
Chamber volume	liter	179 liter
Number of shelves		3ea (Max Shelves 11ea)
Chamber dimension	mm	475(W) x 530(D) x 713(H)mm
Overall dimension	mm	560(W) x 640(D) x 930(H)mm
Power	V/Hz	110/220V, 50/60Hz
Optional Accessory		Battery Back-Up System (Operating for 2 hours)
Chargable Weight	kg	82KG