

AUTO STERILIZATION (NB-203LSP/NB-203SP)

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. Plasma and heat sterilization allow the convenient experiment under clean condition. Users can select plasma or heat sterilization mode simultaneously or separately.

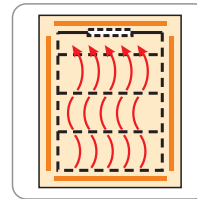


NB-203LSP

NB-203SP



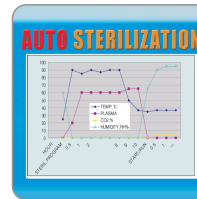
Chamber Inside



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.



Streamlined front panel



Sterilization Program

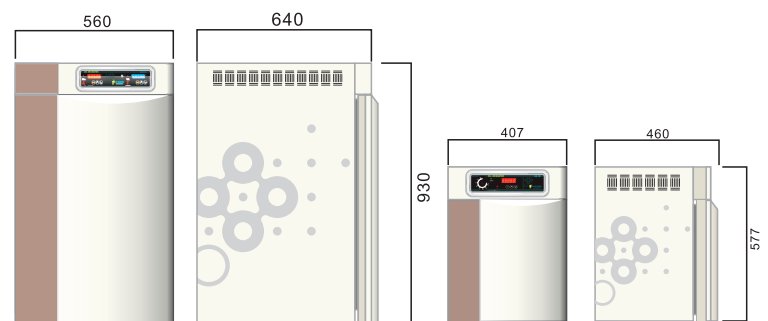
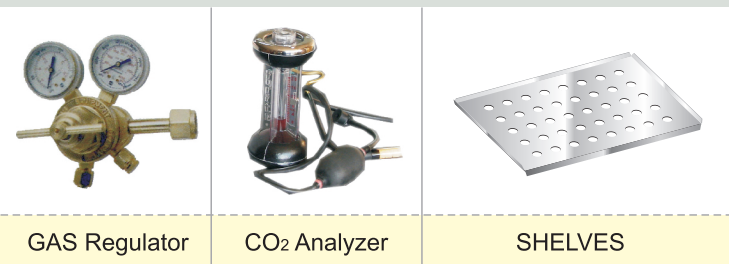


Natural air circulation passing through shelves



Round corners for easy-clean.

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



Features

- **Auto sterilization**
Automatic sterilization keeps cleanness conveniently.
Plasma or Heat sterilization can be selected in simultaneous or separate.
- **Natural air circulation**
Downward air circulation with low speed.
- **Intelligence system**
Artificial intelligence system maintains precise speed and time control by using MICOM.
- **No condensation**
Tempered glass inner door makes inside observation without dew condensation
- **Precise Co2 regulation**
IR Co2 sensor allows precise Co2 regulation.
- **Gas uniformity**
Downward air circulation through Shelves allows Co2 Gas uniformity.



Specification

Items	Unit	NB-203LSP	NB-203SP
Sterilization			
heat		Over night Program heat	
plasma		Gas generation module(Ion cluster)	
over night		Standby	
Temperature			
range	°C	Ambient +5°C to 60°C	
accuracy	°C	±0.1°C at 37°C	
increment	°C	0.1°C	
control		Microprocessor digital PID control	
CO2			
range		0% to 20%	
accuracy		±0.1 % at 5% at 37°C	
increment		0.1%	
sensor		IR CO2 Sensor	
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	179 liters	42 liters
Number of shelves		3 ea (Max shelves 11ea)	
Chamber dimension	mm	475(W) x 530(D) x 713(H)mm	320(W) x 350(D) x 370(H)mm
Overall dimension	mm	560(W) x 640(D) x 930(H)mm	407(W) x 460(D) x 577(H)mm
Power	V/Hz	110/220V, 50/60hz	
Weight	kg	85kg	55kg
Optional accessory		Battery Back-Up System (operating for 2 hours)	