

# SHAKING INCUBATORS

## LARGE BENCHTOP SHAKING INCUBATOR (NB-205L/NB-205LF)

With precise temperature control, NB-205L is used for thermophile culture, the experiment of ferment catalyst, microbe/plant cell culture and extraction.



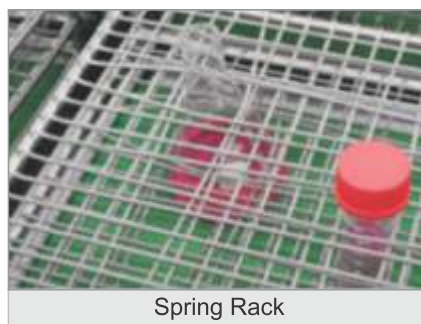
NB-205L



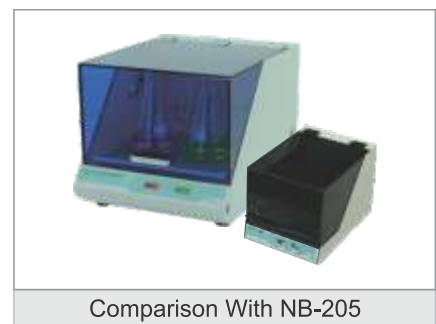
NB-205LF  
Refrigeration



Door Open



Spring Rack



Comparison With NB-205

### Accessories

Detail about accessories are written at the end of the section.



100ml x 36ea



250ml x 23ea



500ml x 16ea



1000ml x 9ea



2000ml x 5ea



Spring Rack

## Features

Compact but, Powerful

- **Artificial Intelligence system**  
Artificial Intelligence system maintains precise temperature by using MICOM.
- **Suitable for bench space**  
Simple & convenient structure for experiment can be placed on testing bench.
- **Precise temperature control**  
Special design for convection allows precise temperature control.
- **Automatic stop function**  
When the cover is opened, it automatically stops for safety and convenience.
- **Once-piece construction with acrylic cover**  
Trans-parent acrylic cover provides wide observation during experiment.  
Brushless DC motor provides low noise and no vibration.
- **Easy to change various accessory platforms**  
Various accessories(100ml~2000ml, spring rack and micro-plate rack) can be placed and replaced easily.
- **Watch dog function**  
Unexpected stop occurred by power failure or somebody is shown to the users.
- **Refrigeration Model (NB-205LF)**  
-Compact Size but, refrigeration available up to 4°C (at less than 16°C RT)  
-Size of Chamber and Platform same with NB-205L but, overall size is bigger due to compressor  
-Stable Low Temperature Control for long time by using natural defrosting system.



## Specification

Items	Unit	NB-205L	NB-205LF
<b>Temperature</b>			
range	°C	Ambient +5°C to 60°C	12°C Below Ambient to 60°C
accuracy	°C	±0.25°C at 37°C	±1.0°C at 37°C
increment	°C	±0.1°C	±0.1°C
control		Microprocessor digital PID	Microprocessor digital PID
<b>SPEED</b>			
range	rpm	30 to 300rpm	
accuracy	rpm	±1rpm	
increment	rpm	1rpm	
<b>Time</b>			
range		Continuous or up to 47h 59min	
accuracy		±1%	
<b>Motor</b>		Plate Type Brushless DC Motor	
<b>Drive system</b>		Beltless Direct Drive	
<b>Orbit Diameter</b>		22mm	
<b>Operating panel</b>		Touch Button	
<b>Platform size</b>	mm	450(W)x450(D)mm	
<b>Platform capacity</b>		100mlx36ea, 250mlx23ea, 500mlx16ea, 1000mlx9ea, 2000mlx5ea, spring rack, Microplate Rack	
<b>Chamber Dimensions</b>	mm	510(W)x500(D)x330(H)mm	
<b>Overall Dimensions</b>	mm	510(W)x600(D)x470(H)mm	550(W) x790(D)x555(H)mm
<b>Power</b>	V/Hz	110/220V, 50/60Hz, 450W	110/220V, 50/60Hz, 700W (Max. 2kW)
<b>Weight</b>	kg	56kg	78kg