

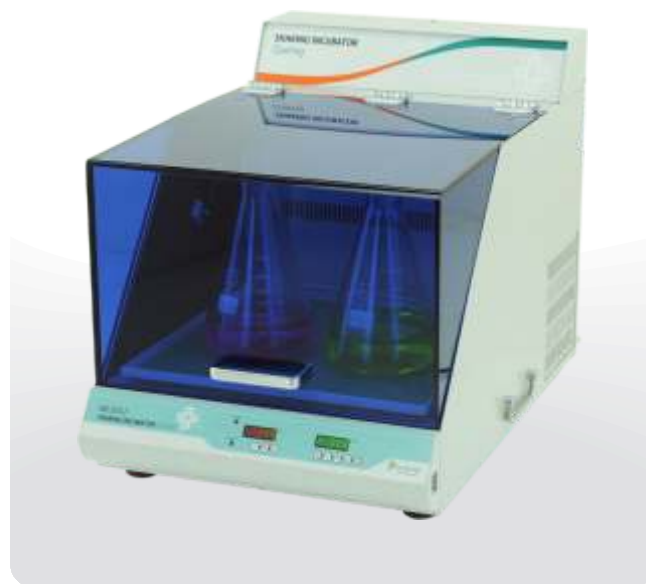
SHAKING INCUBATORS

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.



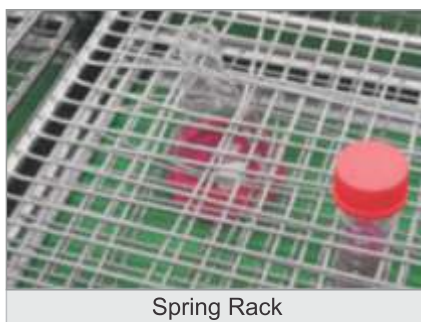
NB-205L



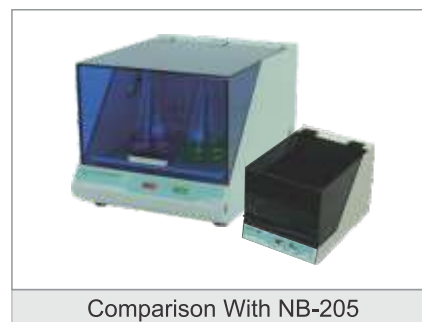
NB-205LF
Refrigeration



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
Temperature			
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
SPEED			
range	rpm	30 to 300rpm	
accuracy	rpm	±1rpm	
increment	rpm	1rpm	
Time			
range		Continuous or up to 47h 59min	
accuracy		±1%	
Motor		Plate Type Brushless DC Motor	
Drive system		Beltless Direct Drive	
Orbit Diameter		22mm	
Operating panel		Touch Button	
Platform size	mm	450(W)x450(D)mm	
Platform capacity		100mlx36ea, 250mlx23ea, 500mlx16ea, 1000mlx9ea, 2000mlx5ea, spring rack, Microplate Rack	
Chamber Dimensions	mm	510(W)x500(D)x330(H)mm	
Overall Dimensions	mm	510(W)x600(D)x470(H)mm	550(W) x790(D)x555(H)mm
Power	V/Hz	110/220V, 50/60Hz, 450W	110/220V, 50/60Hz, 700W (Max. 2kW)
Weight	kg	56kg	78kg