

SHAKING INCUBATORS

REFRIGERATED INCUBATOR WITH BUILT-IN SHAKER (NB-205QF/ NB-205VQ)

These incubators have built-in shaker for suspension cell culture as well as shelves for adherent cell culture. Optimized cooling function provides wide range of temperature.



NB-205VQ (230Liter with Medium Shaker)



NB-205QF (134Liter with Mini Shaker)



NB-101S in NB-205QF



NB-101M in NB-205VQ

PLATFORMS

NB-101S placed in NB-205QF		NB-101M placed in NB-205VQ	
101SPL	Platform	101MPL	Platform
101SH10	100ml Flask Holder x 16ea with Platform	101MH10	100ml Flask Holder x 36ea with Platform
101SH25	250ml Flask Holder x 9ea with Platform	101MH25	250ml Flask Holder x 23ea with Platform
101SH50	500ml Flask Holder x 5ea with Platform	101MH50	500ml Flask Holder x 16ea with Platform
101SH100	1000ml Flask Holder x 4ea with Platform	101MH100	1000ml Flask Holder x 9ea with Platform
101SS	Spring Rack with Platform	101MH200	2000ml Flask Holder x 4ea with Platform
101SM	Microplate Rack x 6ea with Platform	101MS	Spring Rack with Platform
		101MM	Microplate rack x 8ea with platform

Test Tube Rack available in both shakers.

101STR14	Tube Rack <14mm> : 10ml tube x 56holes
101STR16	Tube Rack <16mm> : 15ml tube x 32holes
101STR19	Tube Rack <19mm> : 15ml x 32holes
101STR50	Tube Rack <30mm> : 50ml x 10holes

Features

- **Dual Function in one incubator**
Suspension cell culture is conducted on built in shaker with adherent cell culture on shelf in one incubator at one time. User can enjoy dual function while using one incubator.
- **Microprocessor PID control**
Intelligence MICOM controls temperature and timer, built-in shaker.
- **Controlling Built-in shaker at outside**
User doesn't need to open the door to operate internal devices. All control is available at external control panel.
- **BLDC motor system**
Brush Less DC motor installed in shaker of NB-205Q allows no vibration, no particle occurrence, no noise which enhance stable running of shaker. Its flat construction minimizes vibration.
- **Automatic Stop when opening door**
The shaker automatically stops if the door is opened.
- **Full Inner glass door**
User can clearly observe sample or working status of shaker in chamber through full tempered inner glass door without temperature loss.
- **Low Temperature Range**
The temperature is available up to 5°C. Built-in shaker works fine in this range.
- **Easy-Placing of vessel rack or platform**
Without any bolts fastening accessory platform, the platform is placed easily on shakers as well as works even in high RPM.



Specification

Items	Unit	NB-205QF	NB-205VQ
Temperature			
range		5°C to 60°C	5°C to 60°C
accuracy		±0.25°C at 37°C	±0.25°C at 37°C
increment		0.1°C	0.1°C
control		Microprocessor digital PID	Microprocessor digital PID
Speed			
range		30rpm to 300rpm	30rpm to 300rpm
accuracy		±1rpm	±1rpm
increment		1 rpm	1 rpm
control		Microprocessor digital PID	Microprocessor digital PID
Time For Shaker			
accuracy		0.1%	0.1%
increment		1 minute	1 minute
Door			
out door		Silicon Packing Magnet Door	Silicon Packing Magnet Door
inner door		Tempered Safety Glass Door	Tempered Safety Glass Door
Operating panel		Individual 2 Channel Touch Button	Individual 2 Channel Touch Button
Display		LED Display	LED Display
Jacket type		Dry Wall Type	Dry Wall Type
Chamber material		Stainless Steel (304)	Stainless Steel (304)
Cooling		Compressor 1/8 HP	Compressor 1/4 HP
Chamber volume		134 liter	230 liter
Number of shelves		1 Platform+2 Shelves	1 Platform+2 Shelves
Chamber dimension		473(W)x400(D)x710(H)mm	520(W)x520(D)x850(H)mm
Overall dimension		560(W)x660(D)x1250(H)mm	585(W)x740(D)x1335(H)mm
Power		110/220V, 50/60Hz, 1.1kW	110/220V, 50/60Hz, 1.5kW
Weight		115kg	153kg