

## MEDIUM SHAKER (NB-101M/NB-101MT/NB-101MC)

Magnetic Induction Drive & Brush Less DC Motor provide ideal shaking function for cell culture, sample mixtures, suspension, micro biology, chemistry. Enjoy its stable shaking and quite operation along with small foot print.





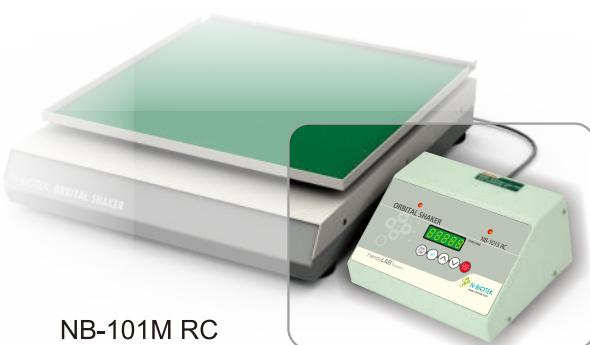
NB-101M



NB-101MT



NB-101MC



NB-101M RC

### MEDIUM SHAKER

Medium Shakers are used for the experiment of the pathology clinics, cells/microbes cultivation and extractions, planet tissue section mounting.



Shaking Type

### MULTI SHAKER

Multi-shaker provides dual function choosing either orbital motion or reciprocating motion which is used in Mixing reagent, physical clinic, shaking culture, cell culture.



Shaking Type

### COMBINATION SHAKER

Using two separate platforms, both orbital and reciprocating shaking motion are available in one shaker. Also, both platforms can be combined like one platform and run in orbital motion.

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Shaking Type

### SHAKER REMOTE CONTROLLER

An into Incubator Shaker used to facilitate the adjustment controls were isolated from the outside.

\*Applicable to all of shakers.

# SHAKERS

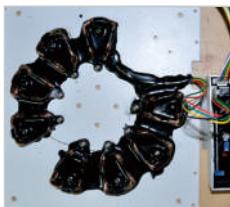
## Special Features



Plate type Brushless DC MOTOR provides Low Vibration, Low Dust & Low Noise.



Magnetic Induction Drive.



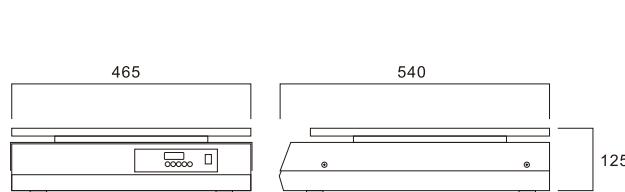
Epoxy coated coil plate for Moisture-Proof.



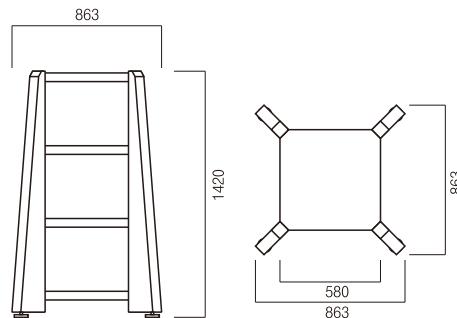
Selection Lever for NB-101MC

## Features

- Plate Type Brushless DC motor provides low noise, low vibration and maintenance free system.
- Artificial intelligence system which maintains precise speed and adjust time controlled by MICOM.
- LED indicates temperature, speed, time and state of power failure.
- Possible to operate up to 400rpm despite large, stroke 30mm
- Possible to operate in Cold Chamber and Incubators (4°C ~60°C)
- Easy to change accessory platform.



NB-101M



NB-M4S

\*Height can be changed by accessories.



## Specification

Items	Unit	NB-101M	NB-101MT	NB-101MC
<b>Motion</b>		Orbital	Orbital or Reciprocating	Orbital & Reciprocating
<b>Speed</b>				
range	rpm	30 to 300 rpm (up to 400rpm:high speed type)	30 to 300 rpm	30 to 300 rpm
accuracy	rpm	±1rpm	±1rpm	±1rpm
increment	rpm	1 rpm	1 rpm	1 rpm
<b>Time</b>				
range	min	Continuous or up to 47h 59min	Continuous or up to 47h 59min	Continuous or up to 47h 59min
accuracy	%	±1%	±1%	±1%
increment	min	1 minute	1 minute	1 minute
<b>Control</b>		Microprocessor Digital	Microprocessor Digital	Microprocessor Digital
<b>Motion control</b>		—	Lever Operate	Lever Operate
<b>Operating panel</b>		Touch Button	Touch Button	Touch Button
<b>Display</b>		LED Display	LED Display	LED Display
<b>Motor</b>		Plate Type BL/DC Motor	Plate Type BL/DC Motor	Plate Type BL/DC Motor
<b>Drive system</b>		Beltless Direct Drive	Beltless Direct Drive	Beltless Direct Drive
<b>Orbit Diameter</b>	mm	30mm	30mm	30mm
<b>Platform size</b>	mm,ea	460(W)x455(D)mm with Rubber Pad	460(W)x455(D)mm with Rubber Pad	220(W)x455(D)mmx2
<b>Dimensions</b>	mm	465(W)x540(D)x125(H)mm	465(W)x540(D)x145(H)mm	465(W)x540(D)x195(H)mm
<b>Holder/Rack</b>		Rubber Pad	Rubber Pad	Spring Rack
<b>Weight</b>	kg	29kg	35kg	38kg
<b>Power</b>	V/Hz	110/220V, 50/60Hz, 20W	110/220V, 50/60Hz, 30W	110/220V, 50/60Hz, 30W

## Accessories

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

					
Platform (Tube Rack & Holder)	Spring rack	250ml x 23ea	2000ml x 4ea	2 Stairs	Holders
NB-101M NB-101MT	NB-101M NB-101MT	NB-101M NB-101MT	NB-101M NB-101MT	NB-101M NB-101MT	NB-101M NB-101MT