

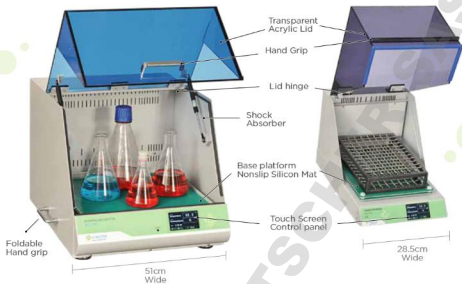
# N-BIOTEK Benchtop Shaking Incubator

Temperature Controlled Incubator Shaker with the Color LCD Touch Screen



**N-BIOTEK**  
Leading Biotechnology

# CONFIGURATION



## FEATURES

### 1 STABLE SHAKING & GENTLE DRIVE By BLDC(Brush less DC) & Magnetic Drive

Magnetic DC motor provides stable shaking and makes very low noise & vibration. With no belt connection, replacement of belt is not necessary.



### 2 Gentle speed up and down

The combination of BLDC magnetic drive and PID control offers smooth drive when speed up & down

### 3 Easy & Simple Platform Installation

Screws are not necessary for installing platforms on NB205. Platforms can be fit by only 4 supporters on the corner of the plate For a larger shaker, use two thumb screws to fix.



### 4 Excellent Temperature Control

Micro Processor PID control and efficient air flow structure provide stable temperature control.

### 5 3.2" LCD Color Touch Screen

Quick response, detailed information, various functions.

For more details, please refer to the next page.

### 6 REFRIGERATION (NB205LF only)

Low temperature setup upto 128 below ambient. Auto Defrost Function keeps low temperature stable avoiding freezing in refrigerants.



Transparent Acrylic Lid to view inside



## 3.2" LCD TOUCH SCREEN

### 1 The easy-to-read view

The legibility of values has been improved greatly since the well-organized display allows an user to view shaking speed, temperature, and timer, alarm event in one LCD screen.

### 2 4 step program for temperature, shaker speed

The step program enables setup to 4 different temperature and shaker speed conditions respectively with timer. Once one step finish by timer, setup of temperature or shaker speed automatically change to next step setup as programmed.

### 3 Easy to clean

The Liquid Crystal Display is free from damage during cleaning. It can be cleansed only by polishing with a soft cloth

### 4 Precise and user-friendly control

The sensitive LCD touch screen responds immediately to even a light touch. The control by itself prevents any change or activation of operation from being occurred by mistouch

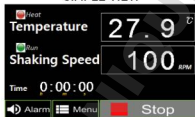
### 5 Alarm Event Message

If there are some errors in temperature, shaker speed or door open, type of alarm event is displayed in screen and some audible alarm is activated to warn the user to recognize it.

### 6 Easy & Simple Temperature Calibration

The improved accessibility of calibration enables an user easily calibrate temperature in display as customer want.

#### SIMPLE VIEW



#### STEP PROGRAM

Shaker Step & Setup			Alarm	10
	RPM	Time	RPM	z
1	30	10:00:00		
2	50	20:00:00		
3	70	30:00:00		
4	90	40:00:00		
One Cycle	Apply	Exit		

#### ADVANCED VIEW



#### EVENT MESSAGE



# A variety of accessories for various applications



## ACCESSORIES FOR NB-T205

205-H10	100ml Flask Holder x 12ea with Platform
205-H25	250ml Flask Holder x 8ea with Platform
205-H50	500ml Flask Holder x 5ea with Platform
205-SR	Spring Rack with Platform
205-MP	Microplate Rack<4ea> with Platform
205-TR14	Tube Rack <14mm> : 10ml tube x 56holes
205-TR16	Tube Rack <16mm> : 15ml tube x 32holes
205-TR19	Tube Rack <19mm> : 15ml x 32holes
205-TR50	Tube Rack <30mm> : 50ml x 10holes

## ACCESSORIES FOR NB-T205L & LF

205L-H10	100ml Flask Holder x 36ea with Platform
205L-H25	250ml Flask Holder x 23ea with Platform
205L-H50	500ml Flask Holder x 16ea with Platform
205L-H100	1000ml Flask Holder x 9ea with Platform
205L-H200	2000ml Flask Holder x 5ea
205L-SR	Spring Rack with Platform
TUBE RACK	All tube racks of NBT205 are available in NBT205L and NB205LF. Maximum Two Tube racks are installable

## SPECIFICATION

Model	NB-T205	NB-T205L	NB-T205LF
Temp. Range	Ambient +5°C to 60°C		Ambient -12°C to 60°C
Temp. Accuracy	±0.2°C between temperature reading and a temperature at center of platform at 37°C setup / Room Temperature at 25°C		
Temp. Increment	0.1°C		
Speed Range(RPM)	30 to 300RPM		
Speed Accuracy	±1RPM		
Speed Increment	1RPM		
Timer	Continuous or upto 99h 59min 59sec(accuracy 1%)		
Orbit Size	22mm		
Platform Size	250(W) x 310(D)mm	450(W) x 450(D)mm	
Overall Dimension(mm)	285(W)x425(D)x290(H)	510(W)x665(D)x470(H)	510(W)x790(D)x555(H)
Weight	14kg	59kg	79kg
Power(Voltage, Hz)	100-120V or 200-230V, 50 or 60Hz		

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