

Thermo Shaker Incubator

#Cat: NB-12-0012A (N100-A)

#Cat: NB-12-0012B (N100-B)



NB-12-0012A



NB-12-0012B

Product Introduction

N100-A/N100-B thermo shaker incubator for tubes adopts DC brushless motor and microcomputer control technology, and combines the two functions of constant temperature and shaking, which greatly shortens the time of experimental operation and improves work efficiency. It is an ideal automation tool for sample incubation, catalysis, shaking and preservation. N100-A thermo shaker incubator for tubes also has multi-mode functions such as heating, cooling, and shaking to meet the needs of different users.

LCD

LCD displays time and speed; it's easy to accurately set and reproduce experimental conditions.

Self-recovery

Power failure self-recovery function, the device can automatically resume operation according to the originally set procedure after power failure recovery. The experimental conditions are consistent and the results are stable.

Accurate Temp. Control

Microprocessor control, good temperature control linearity, temperature control accuracy of ± 0.5 °C. Accurate temperature control improves experiment repeatability.



Mixing orbit 2 mm , coordinating the shaking speed, forms a 2D mix and has an excellent sample mixing ability.

CE

Multiple safety protection functions, conforming CE safety standards, safe and reliable.

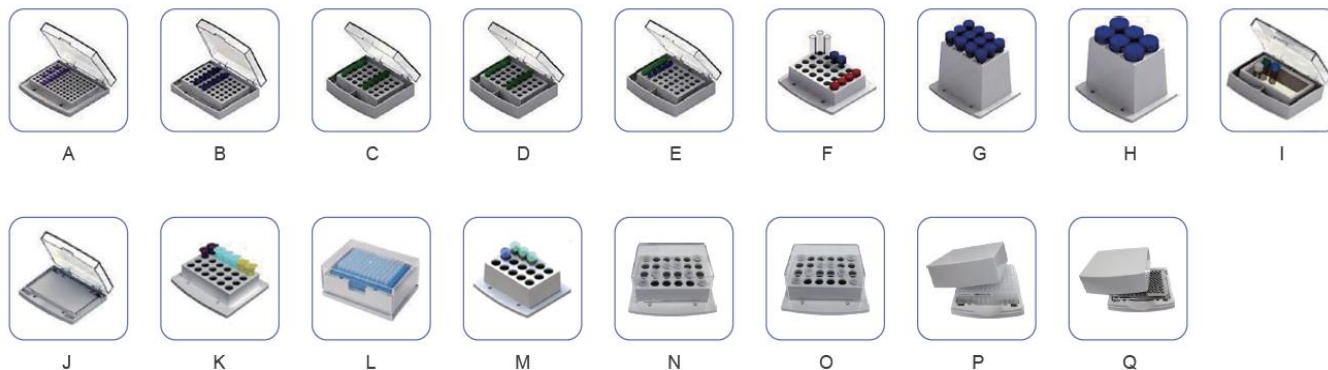
Customizable Block

Various standard sample blocks are available, which is easy to be replaced. The blocks with special specifications can be customized.

Specification

Model	NB-12-0012A (N100-A)	NB-12-0012B (N100-B)
Temp. control range	RT. +5 °C~100 °C	0 °C~100 °C (RT. ≤20 °C) 4 °C~100 °C (RT. ≤25 °C) 10 °C~100 °C (RT. ≤30 °C)
Temp. uniformity	≤0.5 °C	≤0.5 °C
Timer range	1 min~99 h59 min	1 min~99 h59 min
Temp. control accuracy	±0.5 °C	±0.5 °C
Display accuracy	±0.1 °C	±0.1 °C
Shaking speed	200-1500 rpm*	200-1500 rpm*
Heating time	40~100 °C ≤10 min	40~100 °C ≤15 min
Cooling time	----	≤20 min (AT. ≤20 °C: 20 °C~0 °C) ≤20 min (AT. ≤25 °C: RT. ~4 °C) ≤20 min (AT. ≤30 °C: RT. ~10 °C)
Mixing orbit	2 mm	2 mm
Dimension (mm)	300×220×170 mm	300×220×170 mm
Weight	7 kg	8.5 kg

N100-A / N100-B Suitable Block



Ordering Information

Code	Description
NB-12-0012A	Thermo Shaker Incubator N100-A; ambient +5°C to 100°C @200~1500rpm (Block not included)
NB-12-0012B	Thermo Shaker Incubator N100-B; 0°C to 100°C @200~1500rpm (Block not included)

Code	Type	Description	Max. Temp	Max. speed
NB-12-0012-01	A	96×0.2 mL tubes	100 °C	1500 rpm
NB-12-0012-02	B	54×0.5 mL tubes	100 °C	1500 rpm
NB-12-0012-03	C	35×1.5 mL tubes	100 °C	1500 rpm
NB-12-0012-04	D	35×2.0 mL tubes	100 °C	1500 rpm
NB-12-0012-05	E	15×0.5 mL+20×1.5 mL tubes	100 °C	1500 rpm
NB-12-0012-06	F	24×Dia.≤Φ12 mm tubes	100 °C	1200 rpm
NB-12-0012-07	G	12×15 mL Falcon tube	100 °C	750 rpm
NB-12-0012-08	H	6×50 mL Falcon tube	100 °C	750 rpm
NB-12-0012-09	I	103×67×30 mm rectangular bath block	100 °C	1500 rpm
NB-12-0012-10	J	96×0.2 mL microplate	100 °C	1500 rpm
NB-12-0012-11	K	24×5 mL tubes	100 °C	1200 rpm
NB-12-0012-12	L	96 deep-well microplate	80 °C	800 rpm
NB-12-0012-13A	M	15×5 mL Eppendorf tubes	100 °C	1200 rpm
NB-12-0012-15	N	24×2 mL tubes	100 °C	1200 rpm
NB-12-0012-14	O	24×1.5 mL tubes	100 °C	1200 rpm
NB-12-0012-16	P	96×1000 µL deep-well plate	100 °C	1200 rpm
NB-12-0012-17	Q	MTPs deep-well plate	100 °C	1200 rpm