



Microplate Centrifuge

NB-12-0021B

Microplate Centrifuge

#Cat : NB-12-0021B

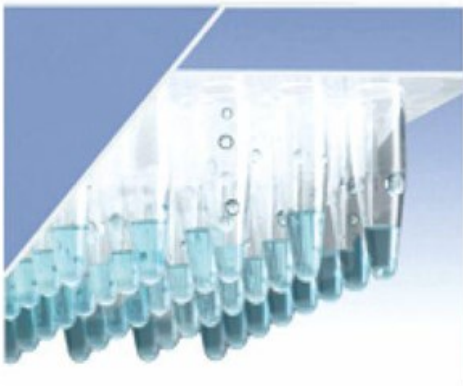
Description

NB-12-0021B Microplate Centrifuge is a unique design for the horizontal rotor (Patented)'s centrifuge in the world. The plate or tubes set into the rotor with 2pcs slope-rotor-shelf. It can quickly spin down droplets and condensation and is for use before and after thermal cycling to improve PCR yield and other tests.

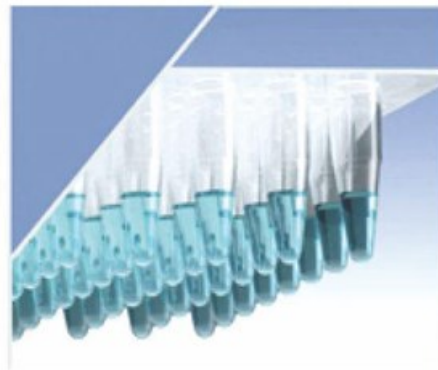
The NB-12-0021B combines functionality, ease of use and comfort—a lot of “high” qualities to come standard in one compact micro-centrifuge

Features

1. Unique design for the horizontal rotor (Patented)
2. It can accept these formats, including:
 - PCR standard plates with skirted, non-skirted
 - Elisa Plates
 - 8 x 0.2ml PCR strip tubes
 - 0.2ml PCR tubes
3. Braking time from max. speed: lower than 30sec
4. Timer can be set up to 10 minutes
5. Short-spin and timing of two operations, make the tests more convenient
6. Streamline design with more quiet, compact shape and transparent PC lid



Before



After

Specification

1. Capacity: 2pcs PCR plates with skirt or without skirt / Elisa plates 8x0.2ml PCR strip tubes / 0.2ml PCR tubes
2. Max. Speed: 2200rpm
3. G Force: 480×g
4. Timer: 0-10min
5. Dimensions: 29(W)×36(D)×14(H)cm
6. Weight: 3.6kg
7. Power: AC100-120V, 50-60Hz or AC200-240V, 50Hz



Operation Manuel

1. Time Setting

Press "LOCK/SET" 2 seconds. The LCD flicker, press " ▲ " button to increase the setting value and press " ▼ " button to decrease. 3 seconds later, the unit will affirm the value.

2. Run & Stop

Press the "RUN/STOP" button to start running, after timer is over, the instrument slow down, when the turntable stop completely, the lock open automatically, the buzzer ring 2 "drops".

(Note: Continuous run after 10 min, need to stop 10 min to run again)

3. Short-Spin

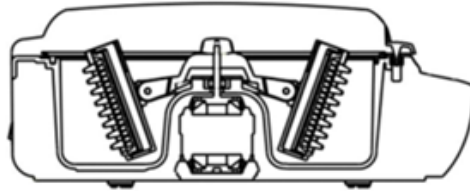
When the timer setting is 00 seconds, press the "RUN/STOP" button, the unit is running, unloosen the button, the unit is stopping.

4. Lock function: Press the "LOCK/SET" button, the lock open automatically.

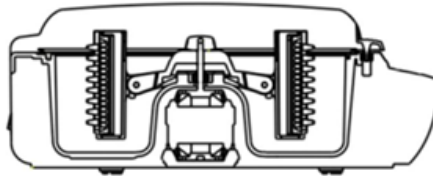
(When the unexpected power outages, pull the small handle at the bottom of the instrument to open the lid.)

Functional diagram

Before working



Working

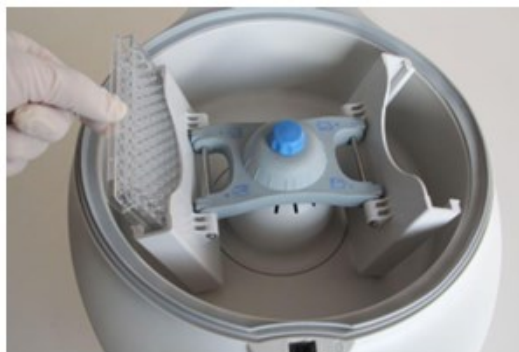


How to put plates

1. Put the PCR plate



2. Put the Elisa plate



3. Put the PCR plate with skirt and without skirt

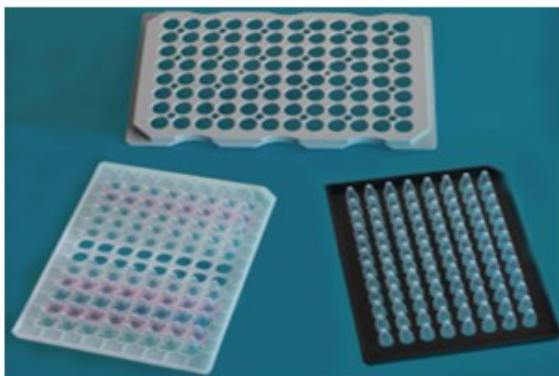


4. Put the 8x0.2ml strip or 0.2ml PCR tubes



Adapter

1. Adapter for PCR plates with skirt and without skirt



2. Adapter for 8x0.2ml strip or 0.2ml PCR tubes

