

Ne  *Biotech*

Mini Centrifuge

NB-12-0045
NB-12-0045A
NB-12-0045B

Mini Centrifuge N600/N600A/N600B

#Cat: NB-12-0045

#Cat: NB-12-0045A

#Cat: NB-12-0045B



Introduction:

Thank you for purchasing Mini Centrifuge. Please read this manual thoroughly prior to operating the instrument.

Specifications:

	N600	N600A	N600B
Speed	4000rpm & 6000rpm		
RCF	1200g & 2000g		
Dimension (DXWXH)	135X147X107mm	135X147X120mm	
Power	100-240V~ 50-60Hz 0.5A		
Weight	0.7 kg		

The rotor is designed for low speed applications.

Switchable Speed options (6K or 4K)

Set the speed switch on the bottom of the device, then select the speed you need, 6K for 6000 rpm and 4K for 4000 rpm.

N600 is supplied with 2 rotors:

- 8 - 1.5/2.0ml angle rotor
- 4- 8 x 0.2ml strip rotor
- Adapters for 0.5-0.6ml tubes
- Adapters for 0.2ml tubes

N600A is supplied with 1 rotor:

- 6 x 1.5/2.0ml ,6 x 0.5ml tubes and 2-8 x 0.2ml PCR Strip rotor

N600B is supplied with 1 rotor:

- 48 well 50ul PCR plate rotor or 4 x 5ml Eppendorf-tubes rotor

Interchangeable Rotor for N600

Clip type rotor made easy changing and no more screws needed

Rotor Exchange for N600A/N600B:

- **Removing the Rotor from the motor shaft:** Use the included allen key to loosen the set screw of the rotor by turning counter-clockwise 4-5 complete turns. The rotor cannot be removed by lifting it evenly off of the rotor shaft.

- **Attaching the Rotor to the motor shaft:** Place the rotor on the motor shaft and press down until the rotor comes to a stop.

The set screw can now be tightened by inserting the allen key and turning clockwise 4-5 complete turns.


Operation:

- Attach the power cord and place the power switch into the on “-” position.

- Open the lid and load your samples into the rotor. Always ensure a balanced load (Please see the following section, **Loading the Rotor**, for details.)

- Close the lid, the rotor quickly accelerates to the maximum speed.

- When the desired run time is completed, push on the lid button to open the lid, the rotor quickly brakes to a stop and the samples can be retrieved.

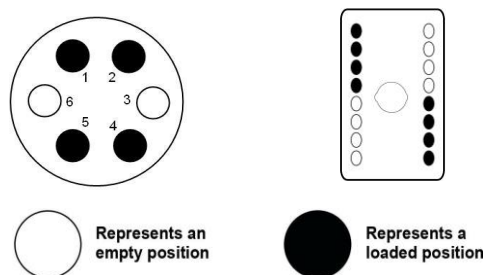
 **NEVER** Attempt: to remove samples until the rotor has come to a complete stop.

Loading the Rotor:

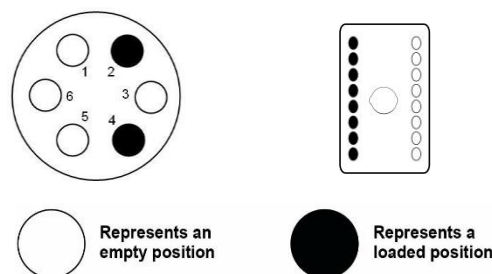
- To ensure safe operation and long life of the instrument, samples must always be loaded into the rotor in a balanced fashion.

- Tubes and strips must always be loaded symmetrically across from one another and contain the same volume of liquid. See below:

Examples of properly balanced rotors:



Examples of improperly balanced rotors:



Cleaning and Maintenance:

The centrifuge rotors can be removed for cleaning by using the included allen wrench to loosen the set screw. Once removed, the rotors can be cleaned with isopropyl alcohol or can be sterilized in an autoclave at 121°C for 20 minutes.