

10K Variable Speed Mini Centrifuge

Cat. No. BT618

INTRODUCTION

Rotor provided:

1. 8 x 1.5/2ml tubes, 8 x 0.5ml tubes AND 16 x 0.2ml tubes (or 2 x 8 tube strips).
 - a. 8 x 0.2ml and 8 x 0.5ml tube adapters are also supplied for this rotor



SPECIFICATIONS

Dimension: 176 x 156x 121 mm

Power: $\leq 45W$

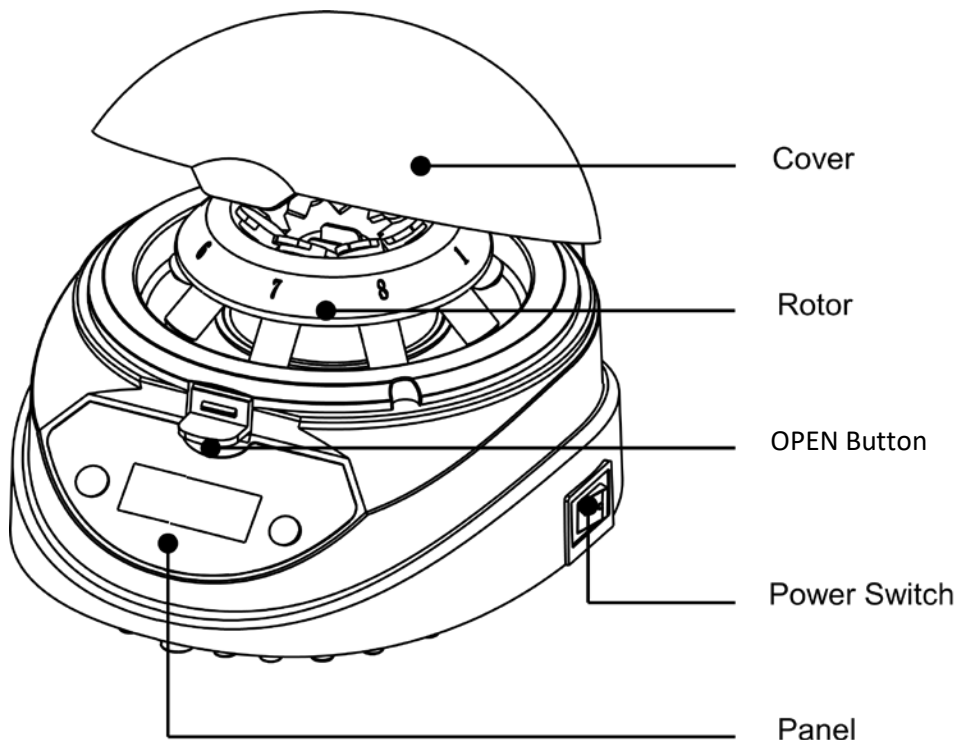
Power Input: AC Supplied as 110V, 220V is available upon request, 50/60Hz

Fuse: 250V 1A $\Phi 5 \times 20$

Max G Force (RCF): 5300 g

Speed: 3000-10000rpm

OVERVIEW



KEYBOARD AND DISPLAY PANEL



OPERATION

Timer Setting

1. Turn on the main power switch. The device will enter into initial interface. LCD displays “88 888” with beep alarm.
2. After 2 seconds, LCD displays the setting time in last operation.
3. Press ▲ or ▼ to increase or decrease the timing value. Change the value in different units, tens or hundreds. Keep pressing to make the value increase or decrease.
4. Keep pressing ▲ and ▼ simultaneously around 6 seconds to change time unit. The indicator light of “Minute” on means the time unit is minutes, the indicator light of “Minute” off means the time unit is seconds.
5. LCD displays 0000 means time function is shut off.

Operation

1. Open the lid and place samples in a balanced configuration.
2. Turn the switch to “I”, set the time and speed according to the above operation guide.
3. Close the cover, ensuring to latch and the device begins operating. When the operation completes, press the open button after the rotor is fully stopped. If needing to stop the operation, turn the switch to “O”.

IMPORTANT INFORMATION & WARNINGS

1. Do not open the cover before the rotor is fully stopped.
2. The samples must be properly balanced and orientated in a balanced configuration. Each sample tube should not exceed 3g.
3. If instrument emits a loud noise or is heavily vibrating, stop operating at once.
4. Do not use different capacity tubes when using the rotor for 8X1.5ml tubes.
5. Do not operate without a rotor
6. Do not put sample into the tube which is fixed in the rotor.
7. Do not move the device will centrifuging
8. Ensure centrifuge is placed on a flat, level and sturdy bench.

MAINTENANCE

Use soft cloth with non-corrosive cleansing fluid (pH=7±1) to clean surface of the instrument. Operate the instrument only when dry. Do not dip the instrument into fluid or water.

TROUBLESHOOTING

Issue	Possible Causes	Solution
Not working when power is on	Power line problem	Check the power line
	No power	Check power situation
	Broken switch	Contact BT Lab Systems to exchange the switch
	Cover is not closed well	Close the cover well
	Fuse blowout	Contact BT Lab Systems to exchange it.
Noisy and vibrate heavily during operation	Workbench is not stable	Put instrument on a stable and firm workbench
	Tubes are not balanced	Place the tubes in balanced holes
	Sample level is different resulting in imbalance	Put same sample volume in each tube
	Tube lid is not covered well, sample poured out when instrument operating	Put same sample volume in each tube and cover the lid well.
	Bad quality tubes, weeping leads to imbalance.	Contact BT Lab Systems to exchange the cover if damaged.
	Rotor aged or partial defective	Contact BT Lab Systems to exchange the rotor
	Different types of tubes in the same operation	Use the same type of tube to centrifuge at the same time
	Rotor cover deformed or cracked	Maintain cover daily. Contact BT Lab Systems to exchange the cover

TECHNICAL SUPPORT

BT Lab Systems offers technical support for all of its products. If you have any questions about the product's use or, operation, please contact BT Lab Systems at the following info.

E-Mail: info@BTLabSystems.com