

Portable Centrifuge  
Model YR142-6  
Instruction Manual



Thank you very much for purchasing our Portable Centrifuge Model YR142-6.

Please read the “Operating Instructions” and “Warranty” before operating this unit to assure proper operation. After reading these documents, be sure to store them securely together with the “Warranty” at a hand place for future reference.



Warning: Before operating the unit, be sure to read carefully and fully understand important warnings in the operating instructions.



#### Specification:

- Voltage: 220V-50HZ.
- Speed: 100~4000 rpm
- Time: 1-99min.
- Angle rotor: 8x20ml Max. RCF : 1980g
- Power: 80W
- Weight: 14kg
- Packing size: 37 ×32×28cm

#### Safety Instructions:

- 1、 This machine is designed for indoor use on a flat surface.
- 2、 Make sure to plug centrifuge into the proper voltage outlet.
- 3、 Make sure the specimen tubes are equal and balanced. Unbalanced tubes will cause the machine to shake and not give a smooth spinning motion.
- 4、 Make sure specimen tubes are completely sealed before turning on the centrifuge.
- 5、 Allow centrifuge to come to a complete and full stop before removing the specimens.
- 6、 Disconnect the plug before attempting to clean the inside of this machine.
- 7、 Never move the centrifuge while it is running.

#### Operation:

- 1、 Open the lid. (The unit is designed to automatically stop when the lid is open.)
- 2、 Place supplied plastic tube holder shells into the centrifuge holes.
- 3、 Insert the centrifuge tubes that you want to spin in a manner to balance out the specimen tubes weigh. To get a smooth-running centrifuge always insert even number of tubes on opposite sides of centrifuge with approximately the same amount of the specimens in each tube.
- 4、 Using the one touch switch panel: Push the “switch” button to get to the time function. Push the + or – button to adjust the time setting: 1minute to 60minutes. Push the “switch” button to get to speed function. Push the + or – button to adjust the speed setting: 100rpm to 4000rpm in 100rpm increments. Push the start button to begin program.
- 5、 This centrifuge has a memory setting and will run the previous program during the same session (after the power is turned off the program time and speed must be re-entered.)
- 6、 Please note that the sample value should be less than 90% of tube volume. The weight deviation of each tube with load should be less than 0.2g. The tubes shall be placed into the rotor symmetrically.

#### Maintenance:

- 1、 Always keep the outside and inside of the machine clean. A dust cover is recommended while it is not in use.
- 2、 If you have problems operating the centrifuge, please call your dealer or authorized service provider for help. Don't attempt to fix the machine by yourself.

