

User Manual of 80-1 Centrifuge

I. Introduce:

Electric centrifuge is a routine laboratory centrifuge, the instrument has the advantages of large capacity, low temperature, low noise, convenient operation and safe and reliable. Widely used in higher education, agricultural science and technology, petrochemical, bio chemical, health and epidemic prevention, life science, biological products, pharmaceutical research, environmental protection and other major areas of experimental teaching use.

II. The main technical indicators:

- 1、 centrifugal power:1435g;
- 2、 rotational speed:0-4000 revolutions/minute;
- 3、 capacity:20ml×6;
- 4、 time range: 0-60minunts or always on
- 5、 power supply:AC220V±10% 50HZ±2%

III. Use:

- 1, desktop electric centrifuge using three eye safety socket, before use should be the proper grounding work, should be placed in the machine smooth and solid surface.
- 2, first check the timer knob, should be in the "0" position, and then connect the power supply, open the power switch, indicator light.

IV. The specific operation must be according to the following steps:

- A. open the cover carefully, will be placed in the centrifugal protective tube. **Note: the symmetry** of the centrifugal protective tube sample must be put in the same weight, the weight deviation of not more than 1 grams.
- B. on the cover, adjust the speed to the lowest position.
- C. turn on the power, the timer to spin The time value, a timer from the "0" position, the turntable starts to rotate, from low speed to high speed gradually to the required speed of centrifuge work.
- D. work after a certain period of time, timer back to "0" position, the turntable stops rotating, centrifuge stops working, adjust the speed to the lowest position. Desktop electric centrifuge after use, turn off the switch, the machine will be placed in dry, ventilated place, and keep it clean.

V. Note:

- 1, the operation of the desktop electric centrifuge series excitation type motor, the brush is generally about 500 hours or so, should be reversed in time, so as not to brush commutator wear after grinding.
- 2, centrifuge table electric factory noise standard is lower than 70 dB (1 meters out centrifuge were measured in each group).
- 3, Plastic tube weight deviation should be less than 0.2 grams, generally in the tube after damage, should be reversed by a group at the same time exchange or symmetric two roots together exchange method, in order to reduce the deviation phenomenon.
- 4, in operation, two symmetrical glass tube (including laboratory liquid) and weight The length should be equal, if the deviation is larger, it will produce shaking.
- 5, the disc should avoid meeting strong acid, caustic and corrosion.
- 6, table electric centrifuge as a whole product, should often pay attention to maintenance