



Laboratory Equipment Manufacturer

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## LCEN-400 Low Speed Centrifuge

### Packing list

Main unit ×1, A6-15P rotor × 1, Simple user manual × 1

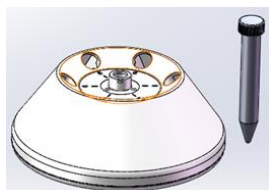


### Installation instructions

- 1) Unpack and place the centrifuge on a solid and flat surface (Laboratory bench space).
- 2) Ensure good working environment and ambient temperature of 15°C-25°C.
- 3) Protect the centrifuge from direct sunlight or temperature of higher than 30°C.
- 4) Place the unit at >10cm distance from other objects to allow good ventilation & performance.
- 5) Please keep the centrifuge away from heat or water (liquid) and chemicals.

#### 1. Rotor preparation

- 1) Prepare the samples to be separated
- 2) Place samples into the centrifuge tube: The amount of sample should not exceed the allowed maximum amount set forth in this user manual.
- 3) Ensure the balanced centrifuge tube
- 4) Rotor installation and replacement
- 5) Insert the centrifuge tubes symmetrically onto the rotor in place without imbalance



### 2. Operation

- 1) Program P1/P2: Press P1/P2 key to enter the program, press P1/P2 key for 5 seconds to set parameters by below steps, the data will be saved automatically after setting;
- 2) Set operating parameters: Press the knob to select the parameter Speed, RCF or time and rotate to input or modify accordingly.
- 3) Set the rotation speed: Press the Select key to choose the rotation speed, adjust the parameter value in rpm. The minimum rotation speed is 300rpm, the minimum increment is 10rpm. Set the run time: Set the time parameter value to desired setting within the range of 30s-99min. When the time displays HD, this is a continuous running mode.
- 4) Switch the deceleration speed: Press the knob for 5 seconds and after sound reminder, switch between 1 and 2 steps;

### 3. Start Run

- 1) Press Start button to start running
- 2) View and modify the operation programs

Operation programs can be modified after the centrifuge reaches the set speed. Pressing the knob to return the program interface and displays setting programs. Press the knob and when parameter flashing, rotate knob to modify values. Release the button after 5 seconds, and the centrifuge will return to normal operation mode and run according to the new value.

### 4. Stop running

When the set run time is completed the centrifuge stops its run operation automatically or it can be stopped by pressing the . Open the outer lid to remove the samples and rotor.

### 5. Open the door manually

If power is off by accident, the door can be opened manually by sliding the switch to right which is at the bottom right front side.

**PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION**

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