

# LabField

067730 High Speed Centrifuge, 13.000 rpm



## User manual

# I: Product brief

Labfield high speed mini centrifuge adopts international advanced design concepts and manufacturing technology, its appearance is smooth and beautiful, the structure is compact and firm, it has the advantages of high versatility, simple operation and so on, a rare instrument for scientific research experiments. The mini centrifuge is mainly used to separate the solid particles from the liquid in the suspension. Or to separate two different densities of liquid emulsion, it can also be used to remove the liquid in the wet solid.

# II: Product overview

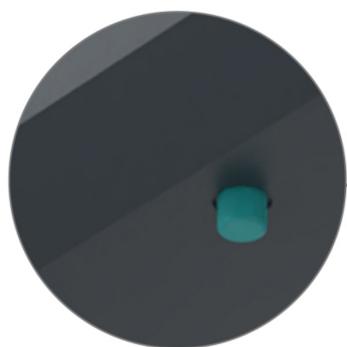


# III: Product introduction

Visible top lid



Enclosed high-speed type rotor



Emergency button

# IV: Product data

<b>Motor</b>	<b>Brushless moter</b>
<b>LCD Display</b>	<b>YES</b>
<b>Max RCF</b>	<b>11337xg</b>
<b>Speed range</b>	<b>1000-13000rpm</b>
<b>Rotor Capacity</b>	<b>0.2/0.5/1.5/2ml*12 (Centrifuge tube) 0.5/1.0ml*12 (Micro blood tube)</b>
<b>Timing Range</b>	<b>30s - 59min50s</b>
<b>Noise at max speed</b>	<b>≤47db(A)</b>
<b>Input Power</b>	<b>50W</b>
<b>Voltage / Input Voltage</b>	<b>AC100-240V / DC24V</b>
<b>Allowable ambient Temperature and humidity</b>	<b>5~40°C, 80%RH</b>
<b>Product Size (MM)</b>	<b>270*180*105</b>
<b>Packing Size (MM)</b>	<b>357*217*137</b>

# V: Correct usage

## Application

- Mainly used to separate solid particles in suspension from liquid.

## Usage

- Widely used in experiments in various universities, environmental protection, sanitation, epidemic prevention, chemical industry, tap water, medical treatment and other units.

## Steps for usage

- Turn on the switch
- Press the OPEN key to turn on the switch and put in the sample
- Press the MENU key to adjust the time, speed, and safety temperature
- Press STAT/STOP key to start/stop
- Press the P key to remember multiple groups of modes, and f retrieve the mode to run
- Long press the P key for gradient mode operatio

## **Instrument using environment**

- Indoor use
- Altitude:  $\leq 2000\text{m}$
- The working temperature range of the instrument is  $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- The applicable temperature range of the instrument is  $\leq 80\%$
- There is no vibration and airflow that affect performance around
- There is no conductive dust, explosive gas or corrosive gas in the surrounding air
- Keep a safety distance of 10cm before and after the instrument is working

## **Safety Precautions**

- It is strictly forbidden to unplug and plug the power connector and toggle the power button when the hands are wet with liquid!
- It is strictly forbidden to unplug the power plug when the instrument is live!
- It is strictly forbidden to maintain and clean the instrument when it is powered on!
- It is strictly forbidden to install the instrument on an uneven, swaying and vibrating work surface!

# Delivery list

- High speed mini centrifuge
- Rotor
- Adapter
- Power cord
- Instruction manual

