

LabField

067980 Orbital Shaker



User manual

I: Product brief

Labfield digital display circular orbital shaker adopts international advanced design concept and manufacturing technology. With smooth and beautiful shape, compact and firm structure, and high degree of versatility, simple operation and other advantages.

This shaker is mainly used in research applications such as bacterial culture, fermentation, hybridization and biochemical reactions, enzymes, cell tissue research, etc., which have high requirements for oscillation frequency.

It is an indispensable laboratory equipment for the precision cultivation and preparation of plants, biology, microorganisms, genetics, viruses, environmental protection, medicine and other scientific research, education and production departments.

II: Product overview



III: Product introduction

Universal tray platform



Timing knob
turn the knob to set the time

Switch
Tap the switch to start/pause

Speed control knob
Turn the knob to set the RPM

Switch
Tap the switch to start/pause

IV: Product data

Speed Range	40-200rpm
Plate Type	Universal tray platform
Plate Size	320*320*50
Turn	Circular
Max Load	5kg
Operation Mode	20mm
Motor Type	Brushlss motor
Timing Range	1min -23h59min
Allowable ambient temp range	5-40°C
Allowable relative humidity	80%
Size	435*330*140
Voltage	100-240VAC 50/60HZ
Power	45W

V: Correct usage

Application

- It is mainly used in research application fields such as bacterial culture, fermentation, hybridization and biochemical reactions, enzymes, cell tissue research, etc., which have higher requirements for oscillation frequency.

Usage

- Widely used in the experiments of various universities, environmental protection, sanitation, epidemic prevention, chemical industry, tap water, medical treatment and other units; it is the scientific research of plants, biology, microorganisms, genetics, viruses, environmental protection, medicine, education and production departments for precision training and pre-paration Indispensable laboratory equipment.

Steps for usage

- Plug it in and turn it on
- Place the container on the tray and clamp tightly with the rod
- The left knob adjusts the time and the right knob adjusts the RPM
- Tap the left or right knob, can both start/pasue

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

- Digital Display Orbital Shaker
- Power cord
- Instruction manual

