

LabField

067990 Tilt angle platform, 7 degrees



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. linear shaker is a type of sieve bed with linear vibration, which works by moving materials along the sieve surface

Rolling, vibrating, etc. in a certain direction. Its amplitude and frequency can be determined by the motor speed and eccentricity.

The adjustment of distance is used to achieve longitudinal vibration, and its vibration direction is linear, which can make relative.

The amplitude is larger, thereby increasing the screening efficiency.

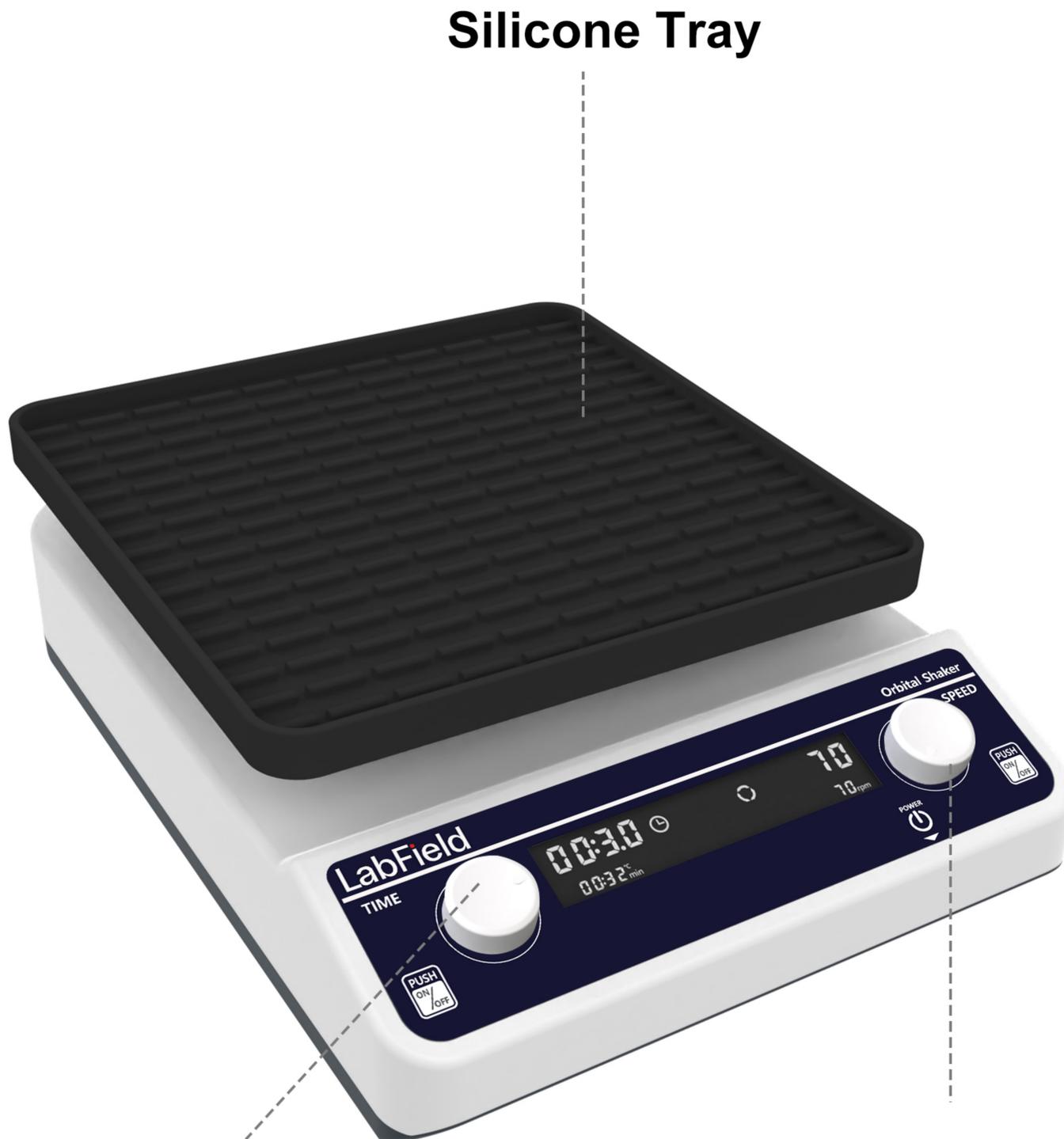
The rocker shaker is mainly used for blood sample mixing, cell culture, immunoprecipitation, and protein blotting.

Western blot experiments such as sealing nitrocellulose plastic film and recognition of primary and secondary antibodies.

II: Product overview



III: Product introduction



Silicone Tray

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

Motor Type	Geared motors
Plate Size	250*250 mm
Movement Style	tilting plate
Max Load	2 kg
Speed Range	10-80 rpm
Stepper	1 rpm
tilt angle	7°
Control mode	Geared motors
Timing Range	1min -24h
Power	25W
Voltage	AC100-240V
Size	355*260*135mm
Weight	4.1kg

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; it is the scientific research of plants, biology, microorganisms, genetics, viruses, environmental protection, medicine, education and production departments for precision training and preparation Indispensable laboratory equipment.

Steps for usage

- Plug it in and turn it on
- Place the container on the tray
- 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

