

LabField

065770 Vortex Shaker



User manual

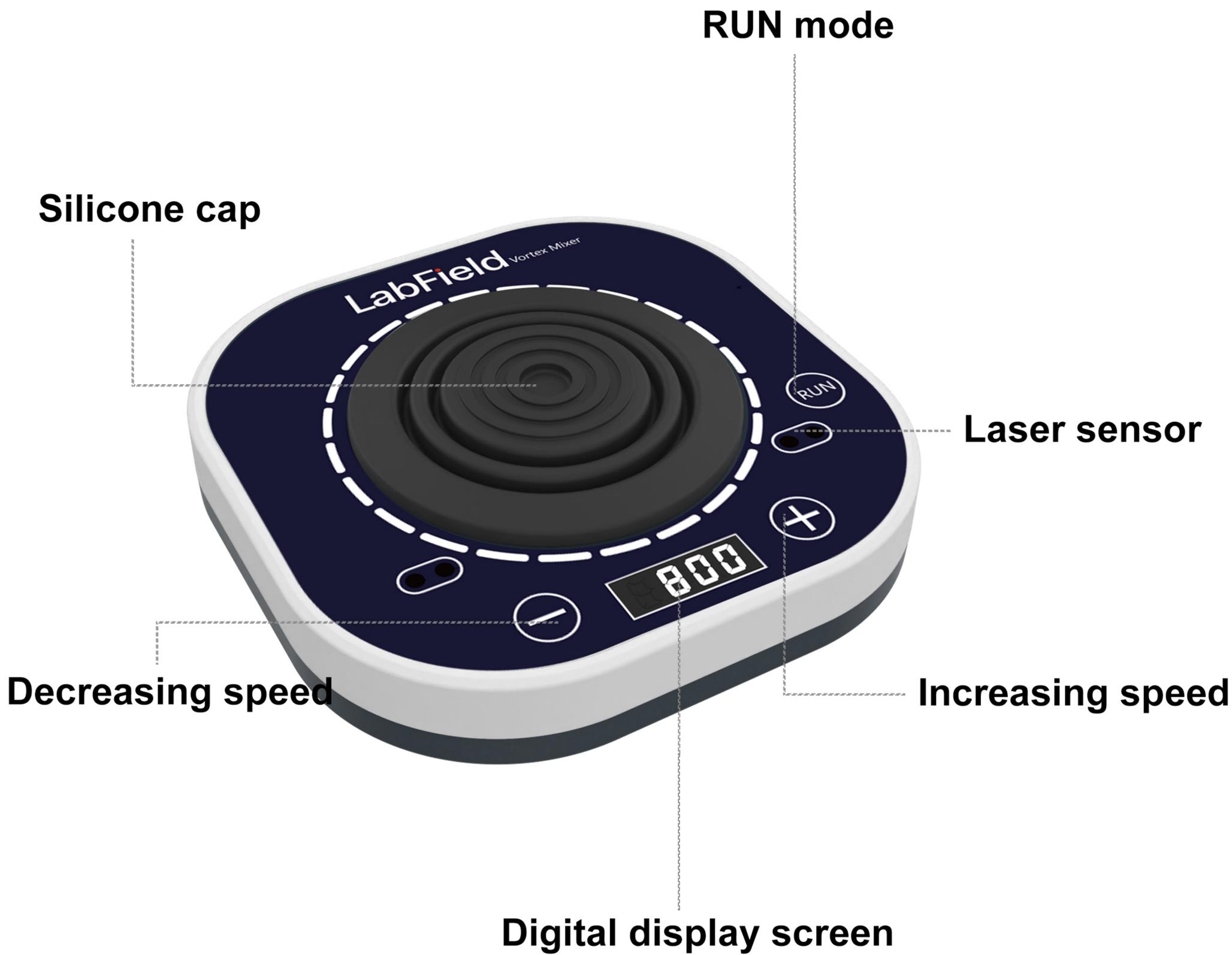
I: Product brief

Labfield vortex mixer adopts internationally advanced design concepts and manufacturing technology. It has a smooth and beautiful appearance, a compact and firm structure, high versatility, and simple operability. It is a rare instrument for scientific research experiments. This vortex mixer is mainly suitable for preventing blood coagulation, immunosuppression and other similar applications. It is a laboratory instrument mainly used for various samples that need to be mixed, such as molecular hybridization blood.

II: Product overview



III: Product introduction



IV: Product data

Control mode	Digital display + button + laser sensor start
Motor	Brushless Motor
Amplitude	4mm (circular oscillation)
Rotation direction	Clockwise
Speed Range	100-3000rpm
Stepping	100rpm
Power	20W
Voltage	DC12V 2A
Allowable ambient temp	5~40°C,80%RH
Product size	150*150*45mm
Net weight	1.26kg

V: Correct usage

Application

- Mainly used for molecular hybridization, blood and other samples that need to be mixed.

Usage

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

Steps for usage

- Plug in the power supply, the screen lights up
- “-” key reduces the speed, “+” key increases the speed
- RUN normal mode: press the RUN key to start/stop the device
- Induction mode: hold the test tube to be mixed and place it in the center of the silicone cap, and the laser induction starts

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

- Vortex Mixer
- Power Cord
- User Manual

