



Tel: 86-0572-2266665
 Web: www.joanlab.com
 E-mail: info@joan-lab.com
 NO.181 Gangfeng Road, Wuxing District, Huzhou City,
 Zhejiang Province, China

User manual

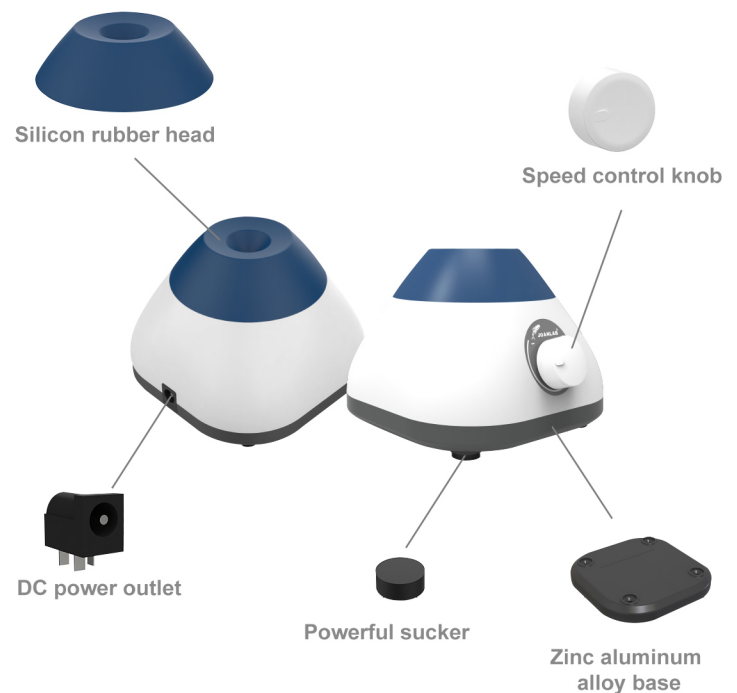
I: Product brief

JOANLAB Vortex mixer adopts international advanced design concept and manufacturing technologies, and has the advantages of smooth and beautiful appearance, compact and firm structure, high versatility, and simple operation. It is a rare instrument for scientific research. This vortex mixer is mainly used to prevent blood coagulation, immunoprecipitation and other similar laboratory purposes. It is mainly used for molecular hybrid blood and other samples that need to be mixed.




II: Product overview



III: Product introduction



四、产品参数

Model	VM-200	VM-300	VM-300S
Product name	Mini Vortex Mixer		
Product Image			
Control mode	Fixed speed	Fixed speed)	Speed adjustment
Motor type	Brushless motor	Brushless motor	Brushless motor
Orbital diameter (MM)	4.5(circular oscillation)	4.5(circular oscillation)	4.5(circular oscillation)
Max handling volume (ML)	50	50	50
Speed range (RPM)	2000	3000	0-3000
Output power (W)	6	12	12
Volatge	AC100-240V	AC100-240V	AC100-240V
Power adapter	DC12V 0.5A	DC12V 1A	DC12V 1A
Rotection class acc.	IP42	IP42	IP42
Permissible relative humidity	5~40℃，80%RH	5~40℃，80%RH	5~40℃，80%RH
Product dimension (MM)	100*100*66	93*93*72	100*93*72
Package dimension (MM)	190*126*113	190*126*113	190*126*113
Product weight (KG)	0.51/0.32	0.55/0.36	0.56/0.37

V: Correct usage

/// Basic usage

Application

> It is mainly used for molecular hybrid blood and other samples that need to be mixed.

Delivery list

- > Mini Vortex Mixer
- > Power Cord
- > User Manual



Usage

> It is widely used as an experimental tool in institutions of higher learning, environmental protection, sanitation, epidemic prevention, chemical industry, tap water and medical treatment.

Steps for usage

Fixed speed

- > Plug in the plug and turn on the power
- > Place the centrifuge tube or test tube in the center of the silicone cap, inching mode, press lightly to run.

Speed adjustment

- > Plug in the plug and turn on the power
- > Place the centrifuge tube or test tube in the center of the silicone cap, rotate the knob, and press lightly to run.

⚠ Instrument using environment

- > Indoor use
- > Altitude: ≤2000m
- > The working temperature range of the instrument is +5℃~+40℃
- > The applicable temperature range of the instrument is ≤80%
- > There is no vibration and airflow that affect performance around

⚠ Safety Precautions

- > Do not plug or unplug the power connector and togglethe power button when the hands are stained with liquid.
- > Do not plug or unplug the power plug when the instrument is powered.
- > It is strictly forbidden to maintain and scrub the instrument under power-on state.
- > It is strictly forbidden to install the instrument on a work surface that is uneven and shakes and shakes.

Product conformity certificate

Product Name : Mini Vortex Mixer

Model number : ☐ VM-200 ☐ VM-300 ☐ VM-300S

Production date : _____