JOANLAB®

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

I. Brief introduction

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.

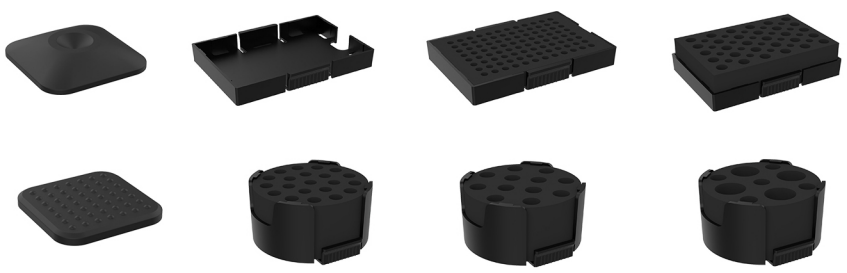
II. Products overview





User's Manual

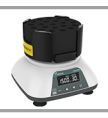
III. Products introduction





IV. Technical Data

Model	VM-500	VM-500S	VM-500pro
Name	Vortex Mixer With Multifunction		
Picture			
Operating mode	Run	Touch / Run	Touch / Run
Control mode	Konb speed adjustment		PWM speed adjustment
Display	NO		LCD
Motor	Brushless motor		
Amplitude	4.5MM circular oscillation		
Max capacity	50ml * 4 / 15ml * 9 / 5-10ml *12 / 2ml*24		
Speed range	Run: 200-3000RPM	Touch: 0-3000RPM Run: 200-3000RPM	Touch: 0-3000RPM Run: 100-3000RPM
Timing / Time	NO		1min - 8h
Voltage	AC100 - 240V		
Power adapter	DC 12V		
Power	20W		
Temperature	5-40℃,80%RH		

Model	Picture	Image	Module application scope
VM501			Centrifuge tube / test tube
VM502			Laboratory flask / multi tubes
VM503			12mm blood collection tube*21

Model	Picture	Image	Module application scope
VM504			15ml centrifuge tube*12 5ml centrifuge tube*12
VM505			50ml centrifuge tube*4 5 / 15ml centrifuge tube*5
VM506			0.2ml centrifuge tube*96 96 well plate
VM507			0.5ml centrifuge tube*20 1.5 / 2.0ml centrifuge tube*30
VM508			Cell culture plate

V. Operation guide

/// Basic operating guide

Application

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

Applied area

> 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.

Using Steps

> Plug in
> Non-digital display model: use switch to select mode, use knob to adjust the number of revolutions
> Digital display model: long press for 2 seconds to switch the mode, press the button to adjust the speed
> In press-run mode, you need to press to start

VI. Opening Check

/// Delivery package

The packing list when you first open the instrument packing case.If you find there is something wrong with the Instrument and the Appendix,do contact the vendor or the producer.

Delivery package

> Vortex Mixer With Multifunction x1 > Module x2 > Power cable x1
> User's manual



Certificate of Product Qualification

Product Name : **Vortex Mixer With Multifunction**

Product Mode : ☐ VM-500 ☐ VM-500S ☐ VM-500pro

Production Date : _____

Manufacturer :JOAN LAB EQUIPMENT(ZHEJIANG) CO.,LTD