



Multi Plate Vortex Mixer

(Part #: VM3000-AB, VM3000D-AB, VM3000-X, VM3000C-X)

User Guide

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I: Brief Introduction

The multi plate vortex mixer is the ideal vortex mixer for any laboratory. The unit's simple touch and run functions with multiple modules make it easy to use for different experimental requirements. The small and compact design conserves bench space, yet the mixer is powerful enough to deliver robust vortex mixing at 3000 rpm.

II. Product Overview



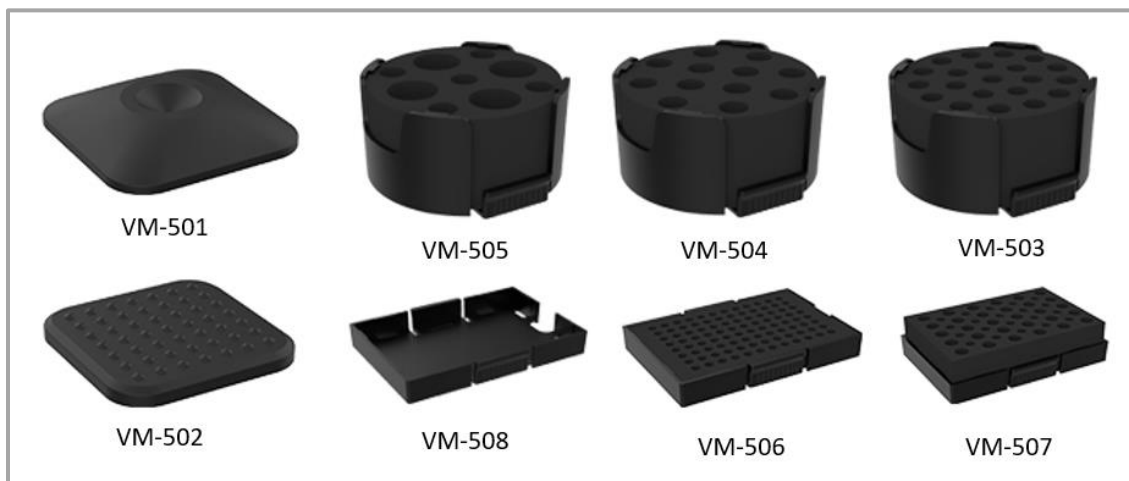
Part #: VM3000-AB & VM3000-X



Part #: VM3000D-AB & VM3000C-X

III. Product Introduction

Modules available:



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IV: Technical Data

Models	VM3000-AB, VM3000-X	VM3000D-AB, VM3000C-X
Operating mode	Touch / Run	Touch / Run
Control mode	Knob speed adjustment	PWM speed adjustment
Display	NO	LCD
Motor	Brushless motor	Brushless motor
Amplitude	4.5MM circular oscillation	4.5MM circular oscillation
Capacity	50ml x 4 / 15ml x 9 / 5-10ml x 12 / 2ml x 24	50ml x 4 / 15ml x 9 / 5-10ml x 12 / 2ml x 24
Speed range	Touch: 0-3000 rpm, Run: 200-3000 rpm	Touch: 0-3000 rpm, Run: 100-3000 rpm
Timing / Time	1-99min Or 1-59sec	1-99min Or 1-59sec
Shell protection level	IP21	IP21
Voltage	AC 100-240V / DC24V	AC 100-240V / DC24V
Power	20W	20W
Temperature	5 - 40°C, 80%RH	5 - 40°C, 80%RH
Modules Included	<u>VM3000-AB:</u> (VM501, VM502) <u>VM3000-X:</u> (VM501, VM502, VM503, VM504, VM505, VM506, VM507, VM508)	<u>VM3000D-AB:</u> (VM501, VM502) <u>VM3000C-X:</u> (VM501, VM502, VM503, VM504, VM505, VM506, VM507, VM508)

Part #	Module Application	Max RPM
VM501	Centrifuge tube/ test tube	3000rpm
VM502	Laboratory flask/ multi tubes	3000rpm
VM503	12mm blood collection tube	800rpm
VM504	5ml/15ml centrifuge tube x 12	800rpm
VM505	50ml centrifuge tube x 4, 5/15ml centrifuge tube x 5	800rpm
VM506	0.2ml centrifuge tube*96/96 well plate	1500rpm
VM507	0.5ml centrifuge tube x 20, 1.5/2.0ml centrifuge tube x 30	800rpm
VM508	Cell culture plate	1500rpm

V: Operation 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

Use the packing list when you first open the instrument packing case. If you find there is something wrong with the instrument and the appendix, please contact Scigiene.

Packing List

