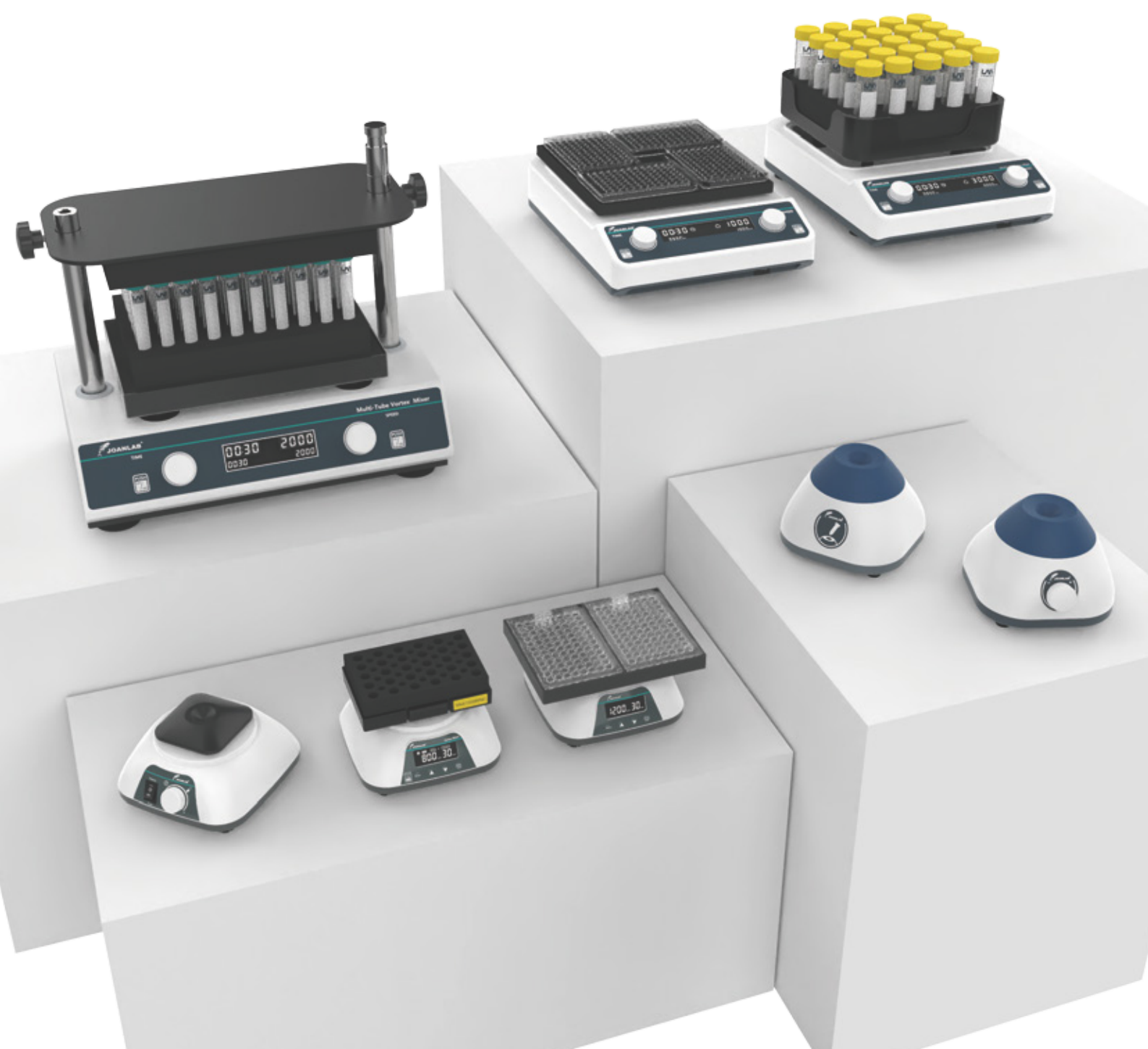


Vortex Mixers





MINI VORTEX

Mini vortex mixers provide fast and efficient sample mixing for laboratory and industrial applications. Features include compact portable designs, brushless motors, stepless speed control, and suitability for tubes, pigments, adhesives, inks, and liquids.



TAP TO START

SMALL FOOTPRINT

STEP-LESS SPEED

UP TO 3000RPM

TECHNICAL SPECIFICATIONS

Model	VM-200		VM-300	VM-300S
Control Mode	Constant speed			Knob
Motor	Brushless motor			
Amplitude	4.5mm (Circular oscillation)			
Maximum Sample Processing Capacity	50ml			
Speed Range	2000rpm	3000rpm	0-3000rpm	
Shell Protection Level	IP42			
Power	6W	12W		
Voltage	100-240V, 50/60Hz			
Product Dimensions (mm)	100 x 100 x 66	93 x 93 x 72	100 x 93 x 72	
Permissible Ambient Conditions	5-40°C, 80%RH			
Gross / Net weight (kg)	0.51/0.32	0.55/0.36	0.56/0.37	



VORTEX SHAKER

Vortex mixers provide fast and efficient sample mixing for laboratory applications. Features include laser sensor activation, enlarged mixing areas for various containers, adjustable speed control, high-capacity performance, and durable brushless motors.



LASER ACTIVATION

LARGE SURFACE AREA

HIGH CAPACITY

SUITABLE FOR FLASKS

TECHNICAL SPECIFICATIONS

Model	VM-400		VM-400Max
Control Mode	Digital display + Button		Digital display + Button + Laser Sensoring
Motor Type	Brushless motor		
Speed	100 - 3000 rpm		
RPM Increment	100rpm		
Amplitude	4mm (Circular Oscillation)		
Direction of Rotation	Clockwise		
Permissible Ambient Conditions	5~40°C, 80%RH		
Voltage	AC100-240V		
Power adapter	DC12V 2A		
Power	20W		
Dimension (mm)	150 x 150 x 45mm		150 x 150 x 45mm



VORTEX MIXER MULTI-PLATFORM

Multi-platform vortex mixers provide versatile and efficient sample mixing for laboratory applications. Compatible with interchangeable platforms for different tube types, features include adjustable speed control, touch or continuous operation, and stable brushless motor performance.

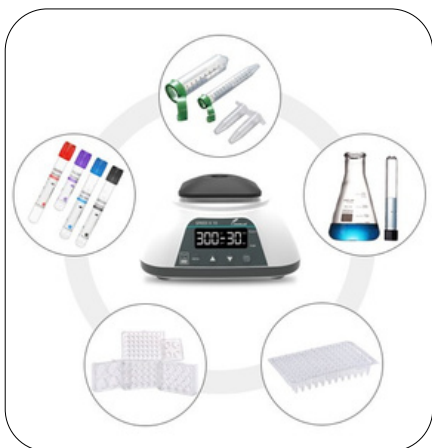


VARIOUS ADAPTERS

BRUSHLESS MOTOR

TOUCH AND CONTINUOUS

DIGITAL DISPLAY



Interchangeable Mixing Modules

Supports multiple interchangeable modules for tubes, flasks, and plates, providing flexible mixing solutions for diverse laboratory sample applications.

Dual Operating Modes

Switch easily between touch and continuous operating modes, providing flexible vortex mixing control for different laboratory sample preparation requirements.

TECHNICAL SPECIFICATIONS

Model	VM-500	VM-500S	VM-500pro
Operating mode	Run	Touch / Run	
Control mode	Knob speed adjustment		PWM speed adjustment
Display	NO		LCD
Motor	Brushless motor		
Amplitude	4.5MM circular oscillation		
Max Capacity	50ml x 4; 15ml x 9; 5-10ml x 12, 2ml x 24		
Speed range	Run: 200-3000rpm	Touch: 0-3000rpm / run: 200-3000rpm	Touch: 0-3000rpm / run: 100-3000 pm
Timing / Time	No		1min-8h
Voltage	AC100 - 240V		
Power adapter	DC12V/2A		
Power	20W		
Temperature	5-40°C, 80%RH		

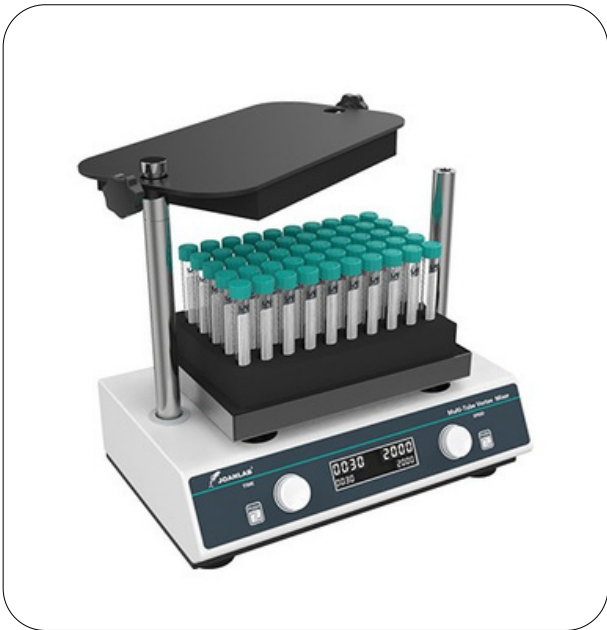
ADAPTERS

Model	Compatible Tubes
VM-501 (Standard)	Centrifuge tube / Test tube
VM-502 (Standard)	Flask / Multi tube
VM-503 (Optional)	Φ12mm Blood collection tube x 21
VM-504 (Optional)	5ml / 15ml Centrifuge tube x 12
VM-505 (Optional)	50ml Centrifuge tube x 4 5ml / 15ml Centrifuge tube x 5
VM-506 (Optional)	0.2ml Centrifuge tube x 96 96 well plate
VM-507 (Optional)	0.5ml Centrifuge tube x 20 1.5 / 2.0ml Centrifuge tube x 30
VM-508 (Optional)	Cell culture plate



MULTITUBE VORTEX

Multi-tube vortex mixers provide efficient high-throughput sample mixing for laboratories. Features include adjustable speed control, programmable mixing modes, quiet operation, interchangeable foam tube racks, and simultaneous processing of up to 50 samples.



LARGE CAPACITY

TWO OSCILLATION MODES

WIDE APPLICATION

INCL TUBE ADAPTERS

TECHNICAL SPECIFICATIONS

Model	VM-800Pro
Operating Mode	Run
Speed Range	500-3000rpm
Amplitude	4mm Horizontal swing
Time Range	1min-24h
Maximum Load	4.5kg
Power	100W

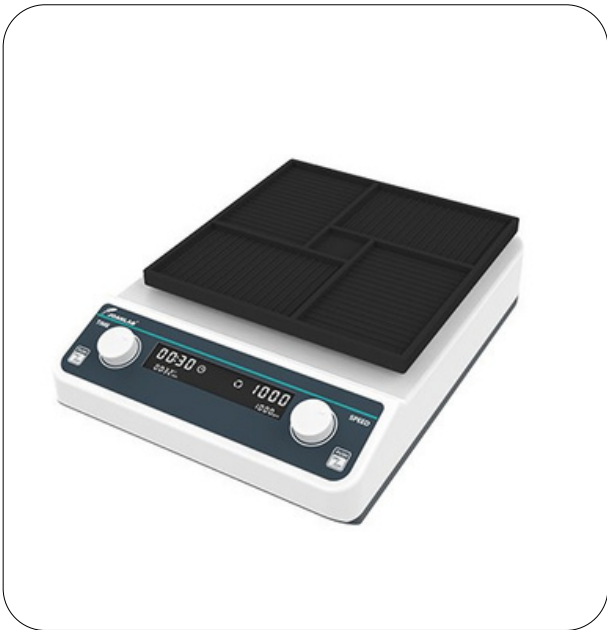
Model	VM-801 •	VM-802 •	VM-803 ◎	VM-804 ◎
Specification	50ml▼ x 15	15ml▼ x 50 10ml▼ x 50	1.5/2ml▼ x 72 2/5ml▼ x 72	50ml▼ x 24
Size	260 x 180 x 50mm	260 x 180 x 50mm	260 x 180 x 50mm	260 x 180 x 50mm
Diameter of hole	Ø27-3mm	Ø14-17mm	Ø9-11mm	Ø27-31mm

◎option ■standard ▼blood tube ▼centrifuge tube



MICROPLATE SHAKER

Microplate shakers provide fast and uniform mixing for ELISA plates and tissue culture applications. Features include adjustable speed and timing, digital displays, silicone trays, and processing capacity for up to four microplates simultaneously.



DIGITAL DISPLAY

UP TO 4X ELISA PLATES

ADAPTERS AVAILABLE

NON SLIP SILICONE TRAY

TECHNICAL SPECIFICATIONS

Model	VM-600		VM-600D	VM-600Max
Motor Type	Brushless motor		Brushless motor	Brushless motor
Orbital Diameter	3mm			4mm
Speed	500-1200rpm			1500-3000rpm
RPM Increment	10rpm			
Timing	1min - 8h			
Platform Configuration	ELISA Plate/Tissue Culture Plate x 4			Adapters to be ordered Separately. Please see below
Permissible Ambient Conditions	5-40°C, 80%RH			
Voltage	AC100 - 240V			
Power	20W			
Dimension (mm)	355 x 260 x 95		355 x 260 x 105	355 x 260 x 105

Adapter	Tube Capacity
VM601	50ml ▾ x 25; 15ml ▾ x 16
VM602	15ml ▾ x 49; 10ml ▾ x 49
VM603	2 or 5ml ▾ x 49
VM604	1.5/2ml ▾ x 81

▾blood tube ▾centrifuge tube