

Vortex Mixer



Features:

- \* Touch and continuous operations.
- \* Aluminium cast base avoids unnecessary moving.
- \* Optional vacuum suction feet hold to the work surface and prevent the unit from moving.

Accessories for MX-S:

 <p>Cat. No: 18900034 VT1.1 Standard top for &lt;Ø30mm tubes and small vessels</p>	 <p>Cat. No: 18900035 VT1.3 Universal top plate Ø 100mm, used with tube adapters.</p>	 <p>Cat. No: 18900020 VT1.3.1 tube adapter for 48 holes test tubes, Ø6mm, used with VT1.3/ VT1.2</p>	 <p>Cat. No: 18900021 VT1.3.2 tube adapter for 15 holes test tubes, Ø10mm, used with VT1.3/ VT1.2</p>	 <p>Cat. No: 18900022 VT1.3.3 tube adapter for 12 holes test tubes, Ø12mm, used with VT1.3/ VT1.2</p>
 <p>Cat. No: 18900023 VT1.3.4 tube adapter for 8 holes test tubes, Ø 16mm, used with VT1.3/ VT1.2</p>	 <p>Cat. No: 18900024 VT1.3.5 tube adapter for 8 holes test tubes, Ø20mm, used with VT1.3/ VT1.2</p>	 <p>Cat. No: 18900043 VT1.3.6 Platform pad for &lt;Ø99mm tubes and small vessels</p>	 <p>Cat. No: 18900050 VT1.3.7 Rubber vacuum suction foot</p>	 <p>Cat. No: 18900044 VT1.2 Tube holding rod used with tube adapters</p>

Technical Parameters:

Model	MX-S	MX-E
Shaking Mode	Orbital	
Orbital Diameter	4mm	4.8mm
Motor Input	58W	12W
Motor Output	10W	8W
Speed Range	0~2500rpm	3000rpm
Speed Display	Scale	/
Operation Mode	Continuous/ touch operation	Touch operation
Ambient Temp.	5-40℃	
Relative Humidity	80%	
Protection Type	IP21	
Power Consumption	60W	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessories	VT1.1 Standard top	
External Size(W*D*H)	127*130*160mm	134*134*71mm
Package Size(W*D*H)	250*230*200mm	
Gross Weight	3kg	

Optional Accessories:

Accessories	MX-S (0~2500rpm)	
	Touch Mode (High Speed Area)	Continuous Mode (Low Speed Area)
VT1.2 + VT1.3.1	Optional	/
VT1.2 + VT1.3.2	Optional	/
VT1.2 + VT1.3.3	Optional	/
VT1.2 + VT1.3.4	Optional	/
VT1.2 + VT1.3.5	Optional	/
VT1.3 + VT1.3.6	Optional	/
VT1.3 + VT1.3.1	/	Optional
VT1.3 + VT1.3.2	/	Optional
VT1.3 + VT1.3.3	/	Optional
VT1.3 + VT1.3.4	/	Optional
VT1.3 + VT1.3.5	/	Optional



Microplate Mixer



Features:

- \* Continuous operation.
- \* DC brushless motor, low running noise and long life.
- \* Compact and universal Microplate Mixer is suitable for small vessels and 96 microplate.
- \* Stepless speed regulation of motor.
- \* Wide range of accessories, easy installation and replacement.

Accessories:



Technical Parameters:

Model	MX-M
Shaking Mode	Orbital
Orbital Diameter	4.5mm
Max. Shaking Weight(with attachments)	0.5kg
Motor Type	DC brushless motor
Motor Input	18W
Motor Output	10W
Speed Range	0~1500rpm
Speed Display	Scale
Ambient Temp.	5~40℃
Relative Humidity	80%
Protection Type	IP21
Power Consumption	20W
Power Supply	AC110/220V±10%, 50/60Hz
External Size(W*D*H) mm	260*150*80
Package Size(W*D*H) mm	350*210*180
Gross Weight(kg)	3

Roller Mixer

Roller mixer is used for complete mixing of blood, powder reagents, etc. in the anticoagulation tubes or vials.



Features:

- \* LED display indicate the speed and time for BKMR-IIA.
- \* The hollow shaft can be lengthened with limits for BKMR-II/IIA.

Technical Parameters:

Model	BKMR-I	BKMR-II	BKMR-IIA
Mixing Mode	Swing & Rolling		
Swing Amplitude	±11°	22±1mm	
Speed	36 rpm	20~80 rpm	20~100 rpm
Roller	5 pcs	7 pcs	
Roller Length	210mm	240mm	
Display	/	/	LED
Timing Range	/	/	0-999min
Running Mode	Continuous	Continuous	Timing or continuous
Power Consumption	6W	10W	
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H) mm	260*155*140	394*266*98	394*266*98
Package Size(W*D*H) mm	580*340*420	490*360*220	
Gross Weight(kg)	13.5	6.7	

Rotating Mixer



Features:

- \* Running speed is adjustable.
- \* LED display indicate the speed and time for BKMR-IVA.
- \* Equipped with silicagel tube holder, it's easy and convenient for putting in and taking out tubes.

Technical Parameters:

Model	BKMR-IV	BKMR-IVA
Mixing Mode	Continuous	Continuous or Timing
Rotating Speed	6~32 rpm	5~35 rpm
Timing Range	/	0-999min
Tube	24 pcs	
Tube Diameter	Ø8-Ø15±0.1mm	
Plate Diameter	Ø300mm	
Inclining Angle	38°	
Power Consumption	10W	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Plate	24 pcs tube holder	
Optional Plate	12 pcs tube holder	
Package Size(W*D*H) mm	380*340*380	
Gross Weight(kg)	5.5	

Rotating Mixer



Application:

It is mainly used for tissue culture, sample extraction, sedimentation rate determination. E.g. blood sample mixing, wet-chemical analysis of radio-immunity, glucose, protein, DNA, cellula, immune, chemistry, flora and fauna analysis, clinical experiments, etc.

Features:

- \* Timing function. Timing range: 0~9999 min.
- \* The plate's gradient can be adjusted from 0 to 90°.
- \* Three optional plates, suit for the tubes: 1.5ml, 15ml, 50ml.
- \* Humanized designed operation keyboard. LED display time and speed.
- \* DC brushless motor with accuracy speed control, long life and free maintenance.

Optional Plate:

- \* 50ml\*10 V-Bottom tube
- \* 15ml\*18 V-Bottom tube
- \* 1.5ml\*64

Technical Parameters:

Model	BKMR-80
Inclining Angle Range	0°~90°
Rotating Speed Range	10~80rpm
Timing Range	0~9999min
Power Consumption	35W
Power Supply	AC110/220V±10%, 50/60Hz
External Size(W*D*H) mm	220*236*246
Package Size(W*D*H) mm	330*290*320
Gross Weight(kg)	5.3



Vertical Rotating Mixer



Application:

The vertical rotating mixer provides efficient but soft mixing to keep the sample in a suspension status such as blood mixing. It is suitable for preventing blood clots, latex diagnosis, immunoprecipitation and other similar applications.

Features:

- \* Smart appearance, solid structure, simple operation. LED display time and speed.
- \* DC brushless motor, stable performance, low noise and long using life.
- \* 360° vertical circulation rotation, operating smooth and steady.
- \* Different tube holder frames for optional to suit different types of tubes.

Optional Tube Holder:

- \* 1.5ml\*64
- \* 15ml\*22
- \* 50ml\*16

Technical Parameters:

Model	BKMR-80V
Mixing Mode	Vertical rotating mode
Rotating Speed Range	10~80rpm
Motor Input	16W
Motor Output	10W
Power Supply	AC110/220V±10%, 50/60Hz
External Size(W*D*H) mm	470*190*160
Package Size(W*D*H) mm	570*300*260
Gross Weight(kg)	4

Multifunction Rotating Mixer

Features:

- \* BKMR-III Multi-Mixer has three programmable modes of mixing.
- \* It can mix variable samples such as blood, urine, injectant, blood plasma etc.
- \* Mixing method:
  1. Rotation: Rotate 360°, clockwise, anticlockwise or clockwise and anticlockwise alternately.
  2. Vibration: Shake up and down.
  3. Vortex: Vortex mixing the samples.

Technical Parameters:

- Rotating speed range: 5~40rpm.
- Working plate 1(standard): 1.5ml~15ml tube in 22 pcs
- Working plate 2(standard): 50ml tube in 6pcs, 1.5ml~15ml tube in 4pcs as spare parts
- Moving angle: 15°~90° (15° per level)
- Vortex angle: 1°~5°
- Max working time: 60h
- Power supply: AC110/220V±10%, 50/60Hz
- External size: 380\*182\*190mm
- Package size: 470\*260\*300mm
- Gross weight: 6kg



3D Rotating Mixer

It can mix samples in 3D rotating mode, which accommodates most size tube, centrifuge tube, microwell plate, petri dishes and tissue culture plate and cell culture bottle. It is suitable to work in the incubator or cold room.

Technical Parameters:

- Mixing mode: 3D
- Tilt angle: 20°
- Rotating speed: 20rpm(fixed)
- Max loading weight: 0.8kg
- Power consumption: 6W
- Power supply: AC110/220V±10%, 50/60Hz
- External size: 240\*170\*150mm
- Package size: 340\*260\*280mm
- Gross weight: 4.1kg



3D Rotating Mixer

This three-dimensional rotating mixer can mix samples by horizon, vertical or any angled rotation with a variety of sample tubes. It is widely used in molecular hybridization, blood and various samples requiring mixing.



Features:

- \* Adjustable rotating frame.
- \* Rotating modes are selectable for BKMR-18A.
- \* LED display time and speed for BKMR-18A.
- \* Easy operation.

Standard Tube Frames:

- \* 1.5ml/2.0ml centrifugal tube\*18
- \* 50ml centrifugal tube\*3 + 0.5ml centrifugal tube\*18
- \* 10ml/15ml centrifugal tube\*5 + 5ml/7ml centrifugal tube\*6

Technical Parameters:

Model	BKMR-18	BKMR-18A
Rotating Speed	18rpm	10~40rpm
Timing Range	/	1~999min
Rotating Angle	/	20°~99°
Power Consumption	4W	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H) mm	240*145*210	
Package Size(W*D*H) mm	340*270*305	
Gross Weight(kg)	3	

Multi-tube Vortex Mixer



Features:

- \* Maximum process 50 samples at the same time.
- \* Microprocessor control, LED display the speed and time.
- \* Humanized program design, built-in short mix and timing operation modes with stable operation and low noise.

Technical Parameters:

Model	BKVM-2500
Speed Range	500-2500rpm
Speed Accuracy	±50rpm(at 2500rpm detection)
Timing Range	1~9999min
Working Diameter	4mm
Max Loading Weight	5kg
Top Panel Size	311*184mm
Power Consumption	60W
Power Supply	AC110/220V±10%, 50/60Hz
External Size(W*D*H) mm	426*250*480
Package Size(W*D*H) mm	530*350*580
Gross Weight(kg)	25

Accessories:

Type	Holes	Dimension(W*D*H) mm
Φ10mm tube frame (optional)	50	245*132*45
Φ12mm tube frame (standard)	50	245*132*45
Φ13mm tube frame (optional)	50	245*132*45
Φ16mm tube frame (15ml tube) (optional)	50	245*132*45
Φ25mm tube frame (optional)	15	245*132*45
Φ29mm tube frame (50ml tube) (optional)	15	245*132*45
Tray Pad Set (Upper & Lower) (optional)	/	305*178.5*25