



VORTEX MIXER

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This sturdy, reliable mixers can adjust speed to meet different experimental requests. Multiple mixing modes, Touch and continuous operations. Aluminium cast base avoids unnecessary “walking”. A variety of optional adapters are available which process 70 samples at the same time to make the experiment more convenient and efficient. Wide speed range:0-3000rpm. Built-in short mix, Microprocessor control, LED display the speed and time.

100 SERIES VORTEX MIXER



Touch operation
Fixed speed at 3000 rpm
Small compact shape, ultra shock mount
Eccentric bearing design

SPECIFICATIONS

Model	BVMX-101	BVMX-102	BVMX-103	BVMX-104
Speed Range	3000 rpm	2800 rpm	0-2500 rpm	0-2800 rpm
Permissible Ambient Temperature	5-40°C	-	5-40°C	-
Permissible Relative Humidity	0.8	-	0.8	-
Orbital Diameter	4.8 mm	4.5 mm	4 mm	4.5 mm
Motion	Orbital	Circle Shaking (Vortexing)	Orbital	Circle Shaking (Vortexing)
Motor rating Input [W]	12	1.2	58	1.2
Motor rating output [W]	8	0.8	10	0.8
Operation	Touch operation	-	Continuous/ touch operation	-
Overall Dimension	134Wx134Hx70.5D mm	110 x 70 mm	127Wx130Hx160D mm	110 x 70 mm
Protection Class	IP21	-	IP21	-
Weight	0.8 kg	1.2 kg	3.5 kg	1.2 kg
Power	20 W	15 W	60 W	15 W
Power Supply	100-240V, 50/60Hz	AC 90~230V	110-120V /220-230V, 50/60Hz	AC 90~230V
Capacity	-	up to 50 ml (1 tube)	-	up to 50 ml (1 tube)
Speed Display	-	-	Scale	-

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	For Models
BX-103933	For <Ø30mm tubes and small vessels	For <Ø30mm tubes and small vessels	BVMX-101, BVMX-103
BX-103934	Tube holding rod	Used with BX-103936 to BX-10394	BVMX-101, BVMX-103
BX-103935	Universal top plate	100mm plate attachment, free of Rubber vacuum suction foot (BX-103942, 4pcs)	BVMX-101, BVMX-103
BX-103936	Tube adapter	For 48 holes test tubes, Ø6mm, used with BX-103935/BX-103934	BVMX-101, BVMX-103
BX-103937	Tube adapter	For 15 holes test tubes, Ø10mm, used with BX-103935/BX-103934	BVMX-101, BVMX-103
BX-103938	Tube adapter	For 12 holes test tubes, Ø12mm, used with BX-103935/BX-103934	BVMX-101, BVMX-103
BX-103939	Tube adapter	For 8 holes test tubes, Ø16mm, used with BX-103935/BX-103934	BVMX-101, BVMX-103
BX-103940	Tube adapter	For 8 holes test tubes, Ø20mm, used with BX-103935/BX-103934	BVMX-101, BVMX-103
BX-103941	Platform pad	For <Ø99mm tubes and small vessels	BVMX-101, BVMX-103
BX-103942	Rubber vacuum suction foot with screw	Rubber vacuum suction foot with screw, 1pc	BVMX-101, BVMX-103



BVMX-101



BVMX-102



BVMX-103



BVMX-104

100 SERIES MULTI-TUBE VORTEX



Maximum process 50 samples at the same time to make the experiment more convenient and efficient.

Microprocessor control, simplistic designed appearance, LED display the speed and time.

Humanized program design, built-in short mix and timing operation modes.

Operation stable and silent.

Large orbital vortex, performance effective.

Various types of foam tube frames and pads for option.

SPECIFICATIONS

Model	BVMX-201
Speed Range	500-2500 rpm
Shaking Speed Accuracy	±50 rpm (at 2500 rpm detection)
Orbital Diameter	4 mm
Maximum Load Capacity	5 kg
Timing Range	1s-9999 min
Top Panel Size	311x184 mm
Overall Dimension	426x250x480 mm
Weight	21.5 kg
Power	60 W
Power Supply	100-230V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Dimension
BX-103865	Tube frame	50 x Φ10 mm foam tube frame	245 x 132 x 45mm
BX-103866	Tube frame	50 x Φ12 mm foam tube frame	245 x 132 x 45mm
BX-103867	Tube frame	50 x Φ13 mm foam tube frame	245 x 132 x 45mm
BX-103868	Tube frame	50 x Φ16 mm foam tube frame (15ml foam tube)	245 x 132 x 45mm
BX-103869	Tube frame	15 x Φ25 mm foam tube frame	245 x 132 x 45mm
BX-103870	Tube frame	15 x Φ29 mm foam tube frame (50ml foam tube)	245 x 132 x 45mm
BX-103871	Tray pad set	tray pad set (Up layer & base layer)	305 x 178.5 x 25mm

100 SERIES MINI MIXER



Mini and compact appearance, powerful function, sucker type under-chassis, super shockproof, ideal for high speed operation.

Multiple mixing modes, touch-operation, continuous operation and timing set.

Wide speed range:0-3000rpm/min, continuously variable motor and Brushless DC Motor are optional.

Stable low speed, powerful high speed.

Shaking block convenient for replacement, stable and reliable, sturdy and durable eccentric bearing design.

Various shaking block adapters optional (Suitable for Eppendorf Tube).

SPECIFICATIONS

Model	BVMX-301	BVMX-302	BVMX-303
Speed Range	0 ~ 2500 rpm		300 ~ 3000 rpm
Orbital Diameter	4 mm	3 mm	2 mm
Motion	Circle		
Operation	Continuous running / Short Mix		
Timing Range	1s ~ 999 min		
Overall Dimension	132Wx156D150H mm	132Wx156Dx150H mm	
Operation Display Pattern	Knob + Scale		Key + Digital display
Fuse	250V,1A, Φ 5 x20		-
Optional Accessories	Standard head and flat pad	All	
Weight	2.4 kg		2.2 kg
Power	60 W		30 W
Power Supply	AC220V/AC110V, 50/60Hz		DC24V

ACCESSORIES

Accessory Code	Name	Description	For Models
BX-103872	Standard head	Suit for tubes and containers with dia.<30mm	All
BX-103873	Standard platform	To hold foam tube holder	BVMX-302, BVMX-303

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	For Models
BX-103874	Convex pad	Use with BX-103873, Suit for tubes and containers with dia.<99mm	All
BX-103875	Foam tube holder	Use with BX-103873, for 0.2ml tubes, 70 holes	BVMX-302, BVMX-303
BX-103876	Foam tube holder	Use with BX-103873, for 0.5ml tubes, 36 holes	BVMX-302, BVMX-303
BX-103877	Foam tube holder	Use with BX-103873, for 1.5/2.0ml tubes, 20 holes	BVMX-302, BVMX-303
BX-103878	Foam tube holder	Use with BX-103873, for 15ml tubes, 8 holes	BVMX-302, BVMX-303
BX-103879	Foam tube holder	Use with BX-103873, for 50ml tubes, 4 holes	BVMX-302, BVMX-303
BX-103880	Tube holder platform	For 1.5/2.0ml tubes x 22	BVMX-302, BVMX-303
BX-103881	Tube holder platform	For 15ml tubes x 4	BVMX-302, BVMX-303
BX-103882	Tube holder platform	For 50ml tubes x 2	BVMX-302, BVMX-303
BX-103883	Plate holder platform	For all standard plates	BVMX-302, BVMX-303
BX-103884	Customized	customized	BVMX-302, BVMX-303

BX-103885	Universal platform for tube stands and all standard plates	96 x 0.2ml Falcon Tube Standard	BVMX-302, BVMX-303
BX-103886	Universal platform for tube stands and all standard plates	24 x 0.5ml Falcon Tube Standard	BVMX-302, BVMX-303
BX-103887	Universal platform for tube stands and all standard plates	24 x 1.5/2.0ml Falcon Tube Standard	BVMX-302, BVMX-303



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