



## BALL MILL MIXER BVMX-501

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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.

Used in Mixing, Laboratory, Research, Medical.

Also known as Laboratory Vortex Mixer.

## BVMX-501 BALL MILL MIXER



Exquisite design, stable body, man-machine angle design, easy to operate

Quickly homogenize two samples at the same time, saving time

Good sealing performance ensures complete recovery of homogeneous samples

Good homogenization, final fineness can reach 1 $\mu$ m, fast grinding and very low final fineness make the BM-2000 ideal for spectroscopic analysis

Beads are available in a variety of materials and diameters for different types of samples

Most samples can be homogenized and the integrity of biomolecules (DNA, RNA, proteins) and drug molecules is preserved

When the cover is opened by mistake, it will automatically stop running to protect the safety of users

## SPECIFICATIONS

Model	BVMX-501
Application	Sample pretreatment, ultra-fine material preparation
Max. feed size	$\leq 10$ mm
Grinding Kit Materials	Hardened steel, stainless steel, tungsten carbide, agate, zirconia
Grinding jar size	0.2ml, 1.5ml, 2.0ml, 5ml, 10ml, 25ml, 35ml, 50ml
Vibration frequency	Regular frequency: 180~1800 r/min Up to: 2100 r/min
Voltage	100 V-240 V 50-60 Hz
Sample type	Hard, soft, elastic and fibrous samples
Dimension (protective cover closed)	W.350 mm $\times$ D.455 mm $\times$ H.275 mm
Dimension (protective cover open)	W.350 mm $\times$ D.455 mm $\times$ H.550 mm
Final discharge particle size	<5 $\mu$ m (Depends on the nature of the sample)
Grinding method	Dry grinding, wet grinding and cryogenic grinding
Interval time setting	10 s~99 min 59 s
Working time setting	10 s~99 min 59 s
Number of preset operating modes	10
Number of cycles	99 times
Sample Volume	2 $\times$ 50 ml
Net weight	31.5 kg
Power	150 W



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