

# Operation Manual



BVMX-302

## Mini Mixer

Thank you very much for Choosing Biolab products. Please read the "Operating Instructions" and "Warranty" before operating this unit to assure proper operation.

## Index

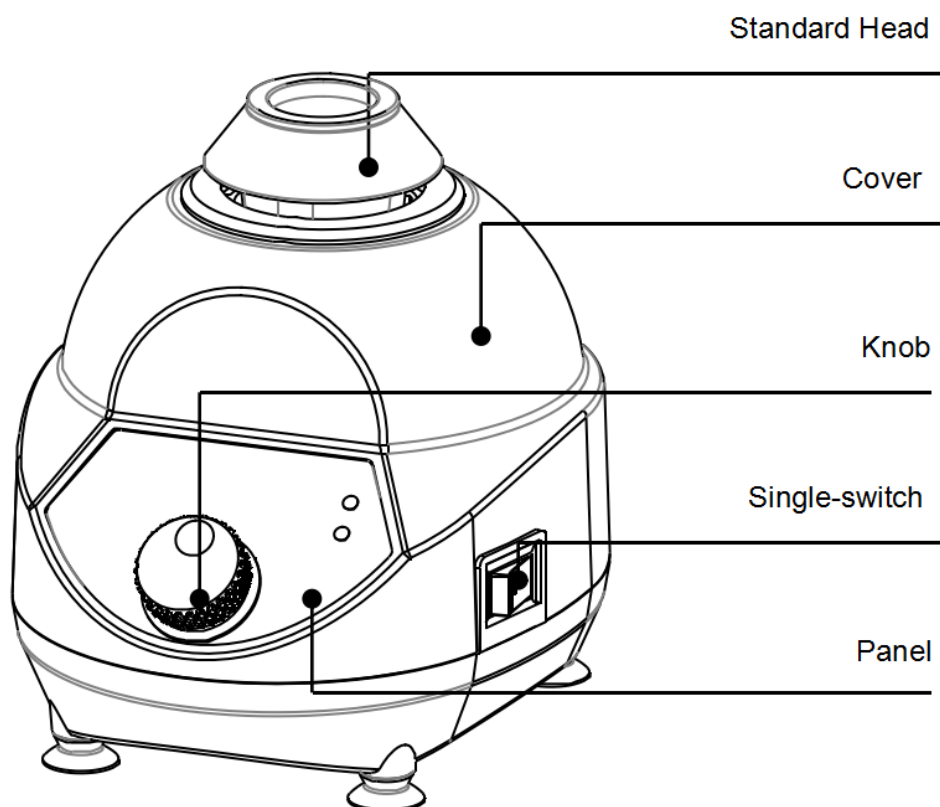
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# 01 Introduction

BVMX-302 Mini Mixer is used for vibration, blend and stir of sample tissue, cell, bacteria Liquid and chemical reagent in life science and physical and chemical analysis field. Multiple tubes are suitable for 0.2~50ml microtubes and tubes or small container whose diameter is less than 108 mm.

## 02 Product Features

### 2.1 Structure



**Packing List**

No.	Name	Type	Unit	Quantity	Remarks
1	Mini Mixer	BVMX-302	Set	1	Main Instruments
2	Block Plate	Universal	EA	1	
3	Flexible Block		EA	1	
4	Flat pad		EA	1	
5	Standard Head		EA	1	
6	Power Line		EA	1	
7	Screwdriver		EA	1	

**Performance Test Statement**

Name	MINIMIXER	Type	BVMX-302	
Text Date	Jan, 2017	Production No.		
No	Name	Test Content	Standard	Result
1	Centrifugal Speed	Tachometer	0-2500 rpm	Qualified
2	Basic Function	Visual Inspection	Valid	Qualified
3	Appearance Demand	Visual Inspection	Valid	Qualified
4	Appearance Sign	Visual Inspection	Valid	Qualified
5	Continuous Work Test	Experiment	72 hours trouble-free	Qualified

## 03 Parameter

Model	BVMX-301	BVMX-302
Operation	Knob+Scale	Knob+Scale
Orbit	4 mm	3 mm
Shaking Mode	circle	circle
Operation Mode	Continuous running/ Short Mix	Continuous running/ Short Mix
Speed Range[rpm]	0-2500rpm	0-2500rpm
Voltage	60W	60W
Optional Accessories	Standard head and flat pad	All
Frequency	50Hz	50Hz
Dimension	156X132X150 (mm)	156X132X150 (mm)
Net Weight	2.4kgs	2.4kgs

## 04 Operation Instruction

Place the instrument on a horizontal work table. Power on the instrument, it enters into waiting interface. When turn the knob to "Short Mix", Indicator light on the panel is on, with not adjustable speed. Hold the tube to press the concave rubber , the instrument begin running. When turn the knob to continuous operation, continuous light is on. Turn knob clockwise, the instrument will be operating from low speed to high speed. When knob is in the middle, the power is off.

## 05 Accessories

a) Standard Platform



b) Foam Block



BX-103560	Used with standard platform, for 0.2ml tubes, 70 wells
BX-103876	Used with standard platform, for 0.5ml tubes, 36 wells
BX-103877	Used with standard platform, for 2.0ml tubes, 20 wells
BX-103878	Used with standard platform, for 15ml tubes, 8 wells
BX-103879	Used with standard platform, for 50ml tubes, 4 wells

b) Standard Head



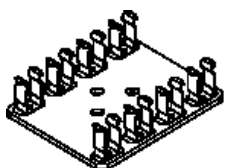
For tubes or small container ,  
diameter is less than 108mm.

c) Flat Pad



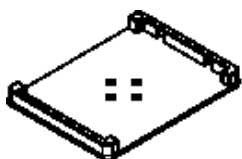
Used with standard platform,  
For tubes or small container,  
diameter is less than 108mm.

## d) Platform with tube clamp



BX-103880	For 0.2ml tubes x 22
BX-103881	For 15ml tubes x 4
BX-103882	For 50ml tubes x 2

## e) Microplate Platform



For various of micro-plates and deep well plate

## f) Universal Platform



	For various of microplates and deep well plates
1.5/2.0ml tube stand	For 24X1.5ml or 2.0ml microtube
PCR 96-well stand	For 0.2ml microtube, PCR strip or 96-well PCR plate
0.5ml tube stand	For 24X0.5ml microtube



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