

## Mixing



Labfirst Scientific Instruments (Shanghai) Co., Ltd.

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## Microplate Mixer

## **Features**

- Wide range of speed from 0 to 1,500 rpm (Double microplate:0-1,000 rpm)
- Excellent performance with electronic speed control
- · High speed and effective mixing for microplates
- With adapters for most popular vessels and microtiter plates
- Used for various mixing applications with optional adapters
- Maintenance-free brushless DC motor

## **Applications**

Lab1st Microplate Mixer is used for holding single or double microplates. The footprint of Microster M Microplate Mixer occupies less bench space and makes the storage easier. It is widely used in life sciences including microbiology, cell and molecular biology, immunology and biotechnology



Brushless DC motor



Wide range of accessories





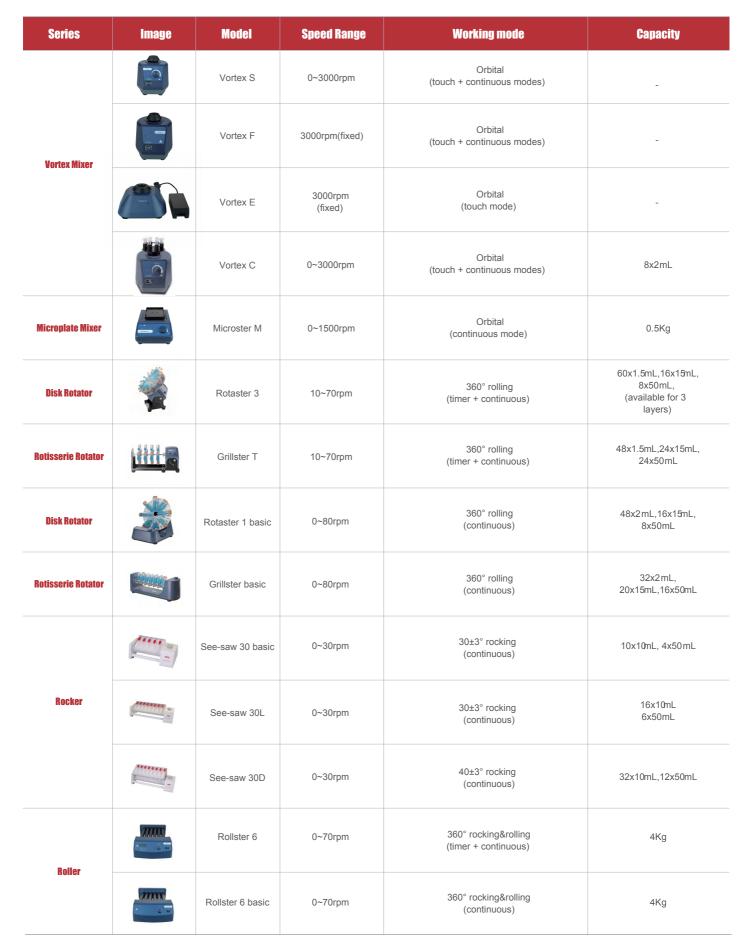
VT1.3.1 tube adapter	Cat. No.921004	VT1.3.6 PCR tube adapter Cat. No.921012
for 48 holes test tubes, Ø6mm		ffor 56 test PCR tubes, strips of 8, Ø5mm (0.1 mL-0.5 mL)
VT1.3.2 tube adapter	Cat. No.921005	PS1.1 Universal top plate Cat. No.921201
for 15 holes test tubes, Ø10mm		Used with tube adapters
VT1.3.3 tube adapter	Cat. No.921006	PS1.2 Microplate clamp Cat. No.921202
for 12 holes test tubes, Ø12mm		
VT1.3.4 tube adapter	Cat. No.921007	MXM-116 Cat. No.921203
for 8 holes test tubes, Ø16mm		Double microplate clamps
VT1.3.5 tube adapter	Cat. No.921008	
for 8 holes test tubes, Ø20mm		

for 8 holes test tubes, Ø20mm



Specifications	Microster M		
Shaking movement	Orbital		
Orbital diameter	4.5mm		
Max. shaking weight (with accessory)	0.5kg		
Motor type	Brushless DC motor		
Motor rating input	18W		
Motor rating output	10W		
Speed range	Single microplate: 0-1500rpm Double microplate: 0-1000rpm		
Speed display	Scale		
Voltage, Frequency	100-240V,50/60Hz		
Power	20W		
Dimension	260×150×80mm		
Weight	3kg		
Permissible ambient temperature and humidity	5-40°C,80%RH		
Protection class	IP20		





Lab1st mixers range can be divided into different series as per mixing speed, working mode, load capacity etc:

Series	Image	Model	Plate Size	Display	Speed Range	Max. Load Capacity
Orbital Shaker		Orbister 330	32x32cm	LCD	100-500rpm	7.5Kg
		Orbister 250	25x24.5cm	LCD	100-800rpm	2.5Kg
		Orbister 330 basic	33.5x33.5cm	LCD	70-400rpm	ЗКg
		Orbister 250 basic	26.8X26.8cm	LED	40-200rpm	2Kg
Linear Shaker		Recipster 330	32x32cm	LCD	100-350rpm	7.5Kg
	88	Recipster 250	25x24.5cm	LCD	100-350rpm	2.5Kg
Rocking Shaker		Wavester 330	30x28.5cm	LCD	10-70rpm	10Kg
		Wavester 250 basic	26.8x26.8cm	LED	10-80rpm	2Kg
3D Shaker		3D-Ster 330	30x28.5cm	LCD	10-70rpm	5Kg

Lab1st shaker series can be divided to different types as per different motion models: