

MX-S

Variable speed Vortex Mixer

Features

- Variable speed of 0 to 3,000rpm for gentle shaking to rapid mixing of samples
- Touch or continuous operation mode
- Includes a standard top head for mixing a single test tube or other small vessel up to 30mm in diameter
- Electronic speed control maintains constant speed even during changes in load
- Steel base with specially designed vacuum suction feet provides stability and dampens vibration
- Robust aluminum-cast construction



VT1.1 Standard top(Default) Cat. No.18900034

for \varnothing30mm tubes and small vessels



Specifications	MX-S (Adjustable speed)
Voltage,Frequency	100–120V/200–240V,50/60Hz
Power	60W
Mixing motion	Orbital
Orbital diameter	4mm
Motor type	Shaded pole motor
Motor rating input	58W
Motor rating output	10W
Speed range	0–3000rpm
Speed display	Scale
Run type	Touch operation/Continuous
Dimension[W × H × D]	127 × 130 × 160mm
Weight	2.0kg
Permissible ambient temperature	5–40°C
Permissible relative humidity	80%RH
Protection class	IP20



MX-F

Fixed speed Vortex Mixer

Applications

Vortex mixers are ideal for mixing liquid components in tubes, resuspension of cells, using an eccentric mechanism. They are widely used in clinical labs performing virus diagnostic tests and in biological & chemical analysis applications.

It is perfect for mixing high-viscosity materials, such as waxes and slurries; to mix battery slurries, paints, pharmaceuticals and more.



Wide range of accessories

VT1.1 Standard top(Default) Cat. No.18900034

for $\varnothing 30\text{mm}$ tubes and small vessels



Specifications	MX-F (Fixed speed)
Voltage,Frequency	100-120V/200-240V,50/60Hz
Power	60W
Mixing motion	Orbital
Orbital diameter	4mm
Motor type	Shaded pole motor
Motor rating input	58W
Motor rating output	10W
Speed range	3000rpm
Speed display	-
Run type	Touch operation/Continuous
Dimension[W × H × D]	127 × 130 × 160mm
Weight	2.0kg
Permissible ambient temperature	5-40°C
Permissible relative humidity	80%RH
Protection class	IP20



MX-E

Economic Vortex Mixer



Features

- Compact , portable and fits nicely on bench-top (erase desktops and table tops)
- Touch operation, Fixed speed of 3,000rpm for rapid mixing of samples
- Powerful and efficient 12V DC brushless motor is smooth operation and has long life
- Foot pad design secures the mixer in place and does not wobble during operation

Applications

Used to rapidly mix small samples of liquids for lab researches or other works like to mix Nail Polish, Gel Polish, Eyelash Adhesives acrylic paint, tattoo ink and so on.

Specifications	MX-E
Voltage	100–240V
Frequency	50/60Hz
Power	12W
Mixing motion	Orbital
Revolving diameter	4.8mm
Motor rating output	10W
Rotational speed	3000rpm
Operating mode	Touch Operation
External dimension	133X133X80mm
Dimension of packing box	250X185X130mm
Weight	0.6kg
Permissible ambient temperature	5–40°C
Permissible relative humidity	≤80%RH
Protection class	IP21




VT1.2 Tube holding rod Cat. No.18900044
used with tube adapters




VT1.3 Universal top plate Cat. No.18900035
Ø 100mm




VT1.3.1 tube adapter Cat. No.18900020
for 48 test tubes, Ø6mm (1mL)




VT1.3.2 tube adapter Cat. No.18900021
for 15 test tubes, Ø10mm (1.5-2mL)




VT1.3.3 tube adapter Cat. No.18900022
for 16 test tubes, Ø12mm (5mL)




VT1.3.4 tube adapter Cat. No.18900023
for 8 test tubes, Ø16mm (10mL)




VT1.3.5 tube adapter Cat. No.18900024
for 8 test tubes, Ø20mm (10-15mL)



VT1.3.6 Platform pad Cat. No.18900043
Ø99mm, multiple small tubes and vessels



VT1.3.7 vacuum chuck Cat. No.18900158
made of rubber



Application of accessories

Accessories	Adjustable speed model (0-3000rpm)	
	Touch mode (High speed area)	Continuous mode (Low speed area)
VTI.1	Y	Y
VTI.2 + VT1.3.1	Y	
VTI.2 + VT1.3.2	Y	
VTI.2 + VT1.3.3	Y	
VTI.2 + VT1.3.4	Y	
VTI.2 + VT1.3.5	Y	
VTI.3 + VT1.3.6	Y	
VTI.3 + VT1.3.1		Y
VTI.3 + VT1.3.2		Y
VTI.3 + VT1.3.3		Y
VTI.3 + VT1.3.4		Y
VTI.3 + VT1.3.5		Y

