

Vortex Mixer

Vortex Mixers are ideal instruments for mixing to vigorous resuspension of cells, biological and chemical liquid components in tubes using an eccentric mechanism. They are widely used in life science, physical and chemical analysis fields.

MX-S Vortex Mixer

Features

- Touch operation or continuous mode
- Variable speed control from 0 to 2500rpm
- Used for various mixing applications with optional adapters
- Specially designed vacuum suction feet for body stable
- Robust aluminum-cast construction



Wide range of accessories

MX-E Economical Vortex Mixer

Features

- Touch operation
- Fixed speed at 3000rpm
- Compact size, cost-effective for the budget conscious laboratory

MX-F Vortex Mixer

Features

- Touch operation or continuous mode
- Fixed Speed 2500rpm
- Used for various mixing applications with optional adapters
- Specially designed vacuum suction feet for body stable
- Robust aluminum-cast construction

VT1.1 Standard top (Default)

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

Cat. No. 18900034



Specifications

	MX-S (Adjustable speed)	MX-F (Fixed speed)	MX-E (Fixed speed)
Voltage	110-120V/220-230V,50/60Hz	110-120V/220-230V,50/60Hz	100-240V,50/60Hz
Power	60W	60W	20W
Mixing motion	Orbital	Orbital	Orbital
Orbital diameter	4mm	4mm	4.8mm
Motor type	Shaded pole motor	Shaded pole motor	DC motor
Motor rating input	58W	58W	12W
Motor rating output	10W	10W	8W
Speed range	0-2500rpm	2500rpm	3000rpm
Speed display	Scale	--	-
Run type	Touch operation/Continuous	Touch operation/Continuous	Touch operation
Dimensions[W×H×D]	127×130×160mm	127×130×160mm	134×134×70.5mm
Weight	3.5kg	3.5kg	0.8kg
Permissible ambient temperature	5-40°C	5-40°C	5-40°C
Permissible relative humidity	80%	80%	80%
Protection class	IP21	IP21	IP21



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

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



VT1.3.1 tube adapter
for 48 holes test tubes, Ø 6mm
Cat. No. 18900020



VT1.3.2 tube adapter
for 15 holes test tubes, Ø 10mm
Cat. No. 18900021



VT1.3.3 tube adapter
for 12 holes test tubes, Ø 12mm
Cat. No. 18900022



VT1.3.4 tube adapter
for 8 holes test tubes, Ø 16mm
Cat. No. 18900023



VT1.3.5 tube adapter
for 8 holes test tubes, Ø 20mm
Cat. No. 18900024



VT1.3.6 Platform pad
for <Ø 99mm tubes and small vessels
Cat. No. 18900043



VT1.3.7 vacuum chuck

made of rubber
Cat. No. 18900158



Application of accessories

Accessories	Adjustable speed model (0-2500rpm)	
	Touch mode (High speed area)	Continuous mode (Low speed area)
VT1.1	Y	Y
VT1.2 + VT1.3.1	Y	
VT1.2 + VT1.3.2	Y	
VT1.2 + VT1.3.3	Y	
VT1.2 + VT1.3.4	Y	
VT1.2 + VT1.3.5	Y	
VT1.3 + VT1.3.6	Y	
VT1.3 + VT1.3.1		Y
VT1.3 + VT1.3.2		Y
VT1.3 + VT1.3.3		Y
VT1.3 + VT1.3.4		Y
VT1.3 + VT1.3.5		Y

