

# 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 <math>\varnothing</math>30mm 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



<b>VT1.3.1 tube adapter</b> for 48 test tubes, Ø6mm (1mL)	<b>Cat. No.18900020</b> 	<b>VT1.3.10 tube adapter</b> for 4 holes test tubes, Ø28mm (50mL)	<b>Cat. No.18900855</b> 
<b>VT1.3.2 tube adapter</b> for 15 test tubes, Ø10mm (1.5-2mL)	<b>Cat. No.18900021</b> 	<b>VT1.3.11 Tube adapter</b> 12XØ9.8mm+12XØ6.6mm+12XØ5mm (1.5/2.0/0.5/0.2mL)	<b>Cat. No.18900862</b> 
<b>VT1.3.3 tube adapter</b> for 16 test tubes, Ø12mm (5mL)	<b>Cat. No.18900022</b> 	<b>VT1.2 Tube holding rod</b> used with tube adapters	<b>Cat. No.18900044</b> 
<b>VT1.3.4 tube adapter</b> for 8 test tubes, Ø16mm (10mL)	<b>Cat. No.18900023</b> 	<b>VT1.3 Universal top plate</b> Ø 100mm Includes 4 vacuum chuck	<b>Cat. No.18900505</b> 
<b>VT1.3.5 tube adapter</b> for 8 test tubes, Ø20mm (10-15mL)	<b>Cat. No.18900024</b> 	<b>PS1.0 Microplate clamp</b> Includes rectangle PCR tube adapter	<b>Cat. No.18204342</b> 
<b>VT1.3.6 Platform pad</b> Ø99mm, multiple small tubes and vessels	<b>Cat. No.18900043</b> 	<b>VT1.3.12 Large Platform Multi-Specimen Test Tube Adapter</b> 44 holesXØ5mm+55 holesXØ6.6mm+30 holesXØ9.8mm (1.5/2.0/0.5/0.2mL)	<b>Cat. No.18900875</b> 
<b>VT1.3.7 vacuum chuck</b> made of rubber	<b>Cat. No.18900158</b> 	<b>VT1.4 Ampule/Tube Attachment</b> 4pc ampule/tube (0.2mL-15mL)	<b>Cat. No.18204566</b> 
<b>VT1.3.8 tube adapter</b> for 24 holes test tubes, Ø 10mm (1.5-2mL)	<b>Cat. No.18900395</b> 	<b>VT1.5 Erlenmeyer flask attachment</b> 100mL-250mL, Operating speed: 0-1500rpm	<b>Cat. No.18204561</b> 
<b>VT1.3.9 PCR tube adapter</b> for 56 test PCR tubes, strips of 8, Ø5mm (0.1mL-0.5mL)	<b>Cat. No.18204185</b> 		





## 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