

A Vortex mixer is used in most bioscience laboratories for mixing liquids in tubes. In a biochemical or analytical laboratory they may be used to mix the reagents of an assay or to mix the experimental samples.

MX-S Vortex Mixer

Features

- Speed adjustable from 0-2500rpm.
- Includes Ø30mm tube capacity standard cup adapter.
- 3 position power switch with touch/continuous modes of operation.
- Wide range of accessories available.
- Shaded pole motor for low maintenance.
- Good corrosion resistant aluminum alloy casing exterior.
- Small rubber vacuum grippers hold the unit during operation.
- LED lamp indicator of power.

MX-F Vortex Mixer

Features

- Fixed speed of 2500rpm.
- Includes Ø30mm tube capacity standard cup adapter.
- 3 position power switch with touch/continuous modes of operation.
- Wide range of accessories available.
- Shaded pole motor for low maintenance.
- Good corrosion resistant aluminum alloy casing exterior.
- Small rubber vacuum grippers hold the unit during operation.
- LED lamp indicator of power.



VT1.1 Standard top (Default)

for \varnothing30mm tubes and small vessels

Cat. No.18900034



VT1.3.7 vacuum chuck

made of rubber
Cat. No.18900158



Specifications

	MX-S (Adjustable speed)	MX-F (Fixed speed)
Voltage	100-120V/200-240V,50/60Hz	100-120V/200-240V,50/60Hz
Power	60W	60W
Mixing motion	Orbital	Orbital
Orbital diameter	4mm	4mm
Motor type	Shaded pole motor	Shaded pole motor
Motor rating input	58W	58W
Motor rating output	10W	10W
Speed range	0-2500rpm	2500rpm
Speed display	Scale	-
Run type	Touch operation/Continuous	Touch operation/Continuous
Dimension[WxHxD]	127x130x160mm	127x130x160mm
Weight	3.5kg	3.5kg
Permissible ambient temperature	5-40°C	5-40°C
Permissible relative humidity	80%RH	80%RH
Protection class	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, Ø6mm

Cat. No. 18900020



VT1.3.2 tube adapter

for 15 holes test tubes, Ø10mm

Cat. No. 18900021



VT1.3.3 tube adapter

for 12 holes test tubes, Ø12mm

Cat. No. 18900022



VT1.3.4 tube adapter

for 8 holes test tubes, Ø16mm

Cat. No. 18900023



VT1.3.5 tube adapter

for 8 holes test tubes, Ø20mm

Cat. No. 18900024



VT1.3.6 Platform pad

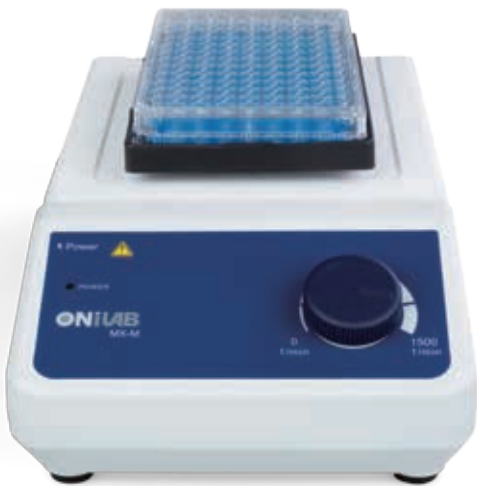
for $\lt; \text{Ø}99\text{mm}$ tubes and small vessels

Cat. No. 18900043

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





ONiLAB Microplate Mixer is used for holding single or double microplates. The compact shape of MX-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.

MX-M Microplate Mixers

Features

- High efficiency BLDC motor.
- Small and compact design requires minimum bench top space.
- Speed adjustable from 0-1500rpm using speed control knob.
- Designed for mixing of single or double microplates in orbital motion.
- Wide ranges of accessories are available.
- MX-M includes single microplate holder.



PS1.1 Universal top plate

Used with tube adapters
Cat. No. 18900067



VT1.3.4 tube adapter

for 8 holes test tubes, Ø16mm
Cat. No. 18900023



VT1.3.5 tube adapter

for 8 holes test tubes, Ø20mm
Cat. No. 18900024



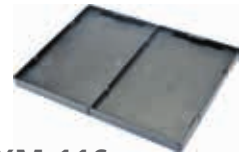
VT1.3.1 tube adapter

for 48 holes test tubes, Ø6mm
Cat. No. 18900020



PS1.2 Microplate clamp

Cat. No. 18900042



MXM-116

Double microplate clamps
Cat. No. 18900079



VT1.3.2 tube adapter

for 15 holes test tubes, Ø10mm
Cat. No. 18900021



VT1.3.3 tube adapter

for 12 holes test tubes, Ø12mm
Cat. No. 18900022

Specifications

Specifications	MX-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	100-240V, 50/60Hz
Power	20W
Dimension	260×150×80mm
Weight	3kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Protection class	IP21