

Overhead Stirrers | Accessories

Universal plate stand

Dimension [W x D x H] :  
200 x 310 x 780mm  
Material: stainless steel

Cat. No.  
18900258



Propeller stirrer

shaft length 400mm  
stirrer diameter 50mm  
Material: 316L stainless steel  
Application: Standard stirring element  
used at medium and high speeds

Cat. No.  
18900071



Straight stirrer

shaft length 40cm  
stirrer diameter 6cm  
Material: 316L stainless steel  
Application: Ideal for the mixing of  
low viscosity media at medium and high  
speeds

Cat. No.  
18900072



Paddle stirrer

shaft length 40cm  
stirrer diameter 6.8cm  
Material: 316L stainless steel  
Application: Suitable for samples needed  
gentle processing at low and medium speeds

Cat. No.  
18900073



Centrifugal stirrer

shaft length 40cm  
stirrer diameter 9cm  
Material: 316L stainless steel  
Application: Two-bladed stirrer who's  
blades open with increasing speed. perfect  
for stirring in round vessels with narrow  
necks. Medium to high speeds required.

Cat. No.  
18900074



Propeller stirrer

shaft length 35cm  
stirrer diameter 6.5cm  
Material: PTFE coated  
Application: Standard stirring element,  
used at medium and high speeds

Cat. No.  
18900075



Straight stirrer

shaft length 35cm  
stirrer diameter 7cm  
Material: PTFE coated  
Application: Ideal for the mixing of  
low viscosity media at medium and high  
speeds

Cat. No.  
18900076



Paddle stirrer

shaft length 35cm  
stirrer diameter 6.8cm  
Material: PTFE coated  
Application: Suitable for samples needed  
gentle processing at low and medium  
speeds

Cat. No.  
18900077



Centrifugal stirrer

shaft length 35cm  
stirrer diameter 8.5cm  
Material: PTFE coated  
Application: Two-bladed stirrer who's  
blades open with increasing speed.  
perfect for stirring in round vessels with  
narrow necks. Medium to high speeds  
required

Cat. No.  
18900078



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

VT1.1 Standard top  
(Default)

for <Ø30mm tubes and small vessels

Cat. No.18900034



Specifications	MX-S (Adjustable speed)	MX-F (Fixed speed)
Voltage	110~120V/220~230V,50/60Hz	110~120V/220~230V,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	0~2500 rpm	2500rpm
Speed display	5	-
Run type	Touch operat	Continuous
Dimension[WxHxD]	127x130mm	127x130x160mm
Weight	3	3.5kg
Permissible ambient temperature	5~40°C	5~40°C
Permissible relative humidity	80%	80%
Protection class	IP21	IP21

Vortex Mixers

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.



Wide range of accessories

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





**VT1.2 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 <Ø99mm 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



**VT1.3.7 vacuum chuck**

made of rubber  
**Cat. No.**18900158



Capable of holding single or double microplates, the compact shape of MX-M Microplate Mixer takes less bench space and makes storage easier. It is widely used in life sciences including microbiology, cell and molecular biology, immunology and biotechnology.

**MX-M**  
Microplate Mixers

- Features:**
- A wide range of speed from 0 to 1500rpm
  - Used for various mixing applications with optional adapters
  - Maintenance-free brushless DC motor



**PS1.1 Universal top plate**  
Used with tube adapters  
**Cat. No.**18900067



**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



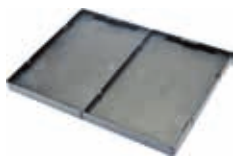
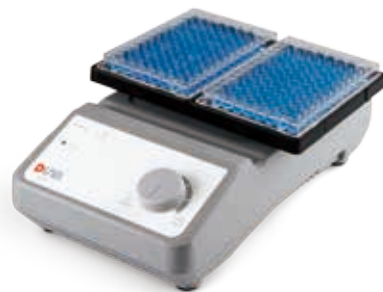
Brushless DC motor



Wide range of accessories



**PS1.2 Microplate clamp**  
**Cat. No.**18900042



**MXM-116**  
Double microplate clamps  
**Cat. No.**18900079

**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%
Protection class	IP21