

# 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 <Ø30mm tubes and small vessels



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





## Application of accessories

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