

# Vortex Mixer Variable Speed MX-S

## 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



| Specification                   | 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 x D x H]           | 127 x 130 x 160mm          |
| Weight                          | 2.0kg                      |
| Permissible ambient temperature | 5 - 40°C                   |
| Permissible relative humidity   | 80%RH                      |
| Protection class                | Ip20                       |

### VT1.1 Standard Top (Default)

Cat. No. 18900034

for <Ø30mm tubes and small vessels



Manufactured by:

**DLAB SCIENTIFIC CO.,LTD**

31 Yu An Road, Beijing Airport Economic Core Zone,  
Shunyi District, Beijing 101318, China

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**PT INNOVASI DIAGNOSTIKA**

Kawasan Industri Jababeka III, Jl. Tekno 1 Blok C2 Unit C,  
Cikarang Utara 17530, Indonesia

|                                      |   |
|--------------------------------------|---|
| <b>VT1.3.1 tube adapter</b>          | <b>Cat. No. 18900020</b>  |
| For 48 test tubes, Ø6mm (1mL)        |    |
| <b>VT1.3.2 tube adapter</b>          | <b>Cat. No. 18900021</b>  |
| For 15 test tubes, Ø10mm (1.5 - 2mL) |    |
| <b>VT1.3.3 tube adapter</b>          | <b>Cat. No. 18900022</b>  |
| For 16 test tubes, Ø12mm (5mL)       |    |
| <b>VT1.3.4 tube adapter</b>          | <b>Cat. No. 18900023</b>  |
| For 8 test tubes, Ø16mm (10mL)       |    |
| <b>VT1.3.5 tube adapter</b>          | <b>Cat. No. 18900024</b>  |
| For 8 test tubes, Ø20mm (10 - 15mL)  |  |
| <b>VT1.3.8 tube adapter</b>          | <b>Cat. No. 18900395</b>  |
| For 24 holes test tubes, Ø10mm       |  |

|  |   |
|--|---|
| <b>VT1.3.9 PCR tube adapter</b>                          | <b>Cat. No. 18204185</b>  |
| For 56 test PCR tubes, strips of 8, Ø5mm (0.1mL - 0.5mL) |    |
| <b>VT1.2 Tube holding rod</b>                            | <b>Cat. No. 18900044</b>  |
| Used with tube adapters                                  |    |
| <b>VT1.3 Universal top plate</b>                         | <b>Cat. No. 18900505</b>  |
| Ø100mm   |    |
| <b>VT1.3.6 Platform pad</b>                              | <b>Cat. No. 18900043</b>  |
| Ø99mm, multiple small tubes and vessels                  |    |
| <b>VT1.3.7 vacuum chuck</b>                              | <b>Cat. No. 18900158</b>  |
| Made of rubber   |  |
| <b>MX-S Microplate clamp</b>                             | <b>Cat. No. 18900042</b>  |
|  |  |

## Application of accessories

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



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