

# MX-Pro

## Infrared Digital Vortex Mixer

The Infrared Digital Vortex Mixer provides an efficient and precise mixing solution for your laboratory!

With advanced design concepts and manufacturing technology, the device features a sleek, streamlined, and aesthetically pleasing appearance. The digital interface provides real-time speed and time display, allowing users to easily set and monitor mixing parameters. Its stable vortex motion ensures uniform sample mixing, making it ideal for molecular biology, chemical analysis, and other scientific research fields.



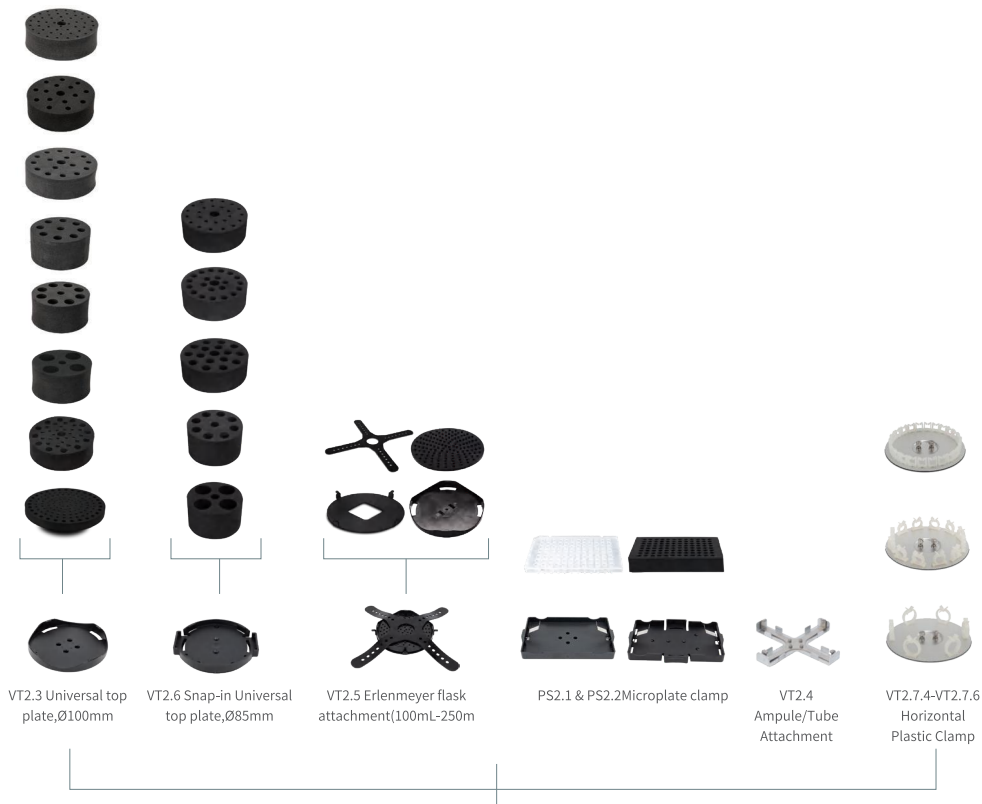
| Specifications                 | MX-Pro              |
|--------------------------------|---------------------|
| Speed                          | 100-3000 rpm        |
| Display                        | LCD                 |
| Amplitude                      | 4.5 mm              |
| Operating Modes                | IR, Continuous      |
| Time Range                     | 1 s - 99 min 59 s   |
| Motor Type                     | Brushless DC Motor  |
| Dimensions (L×W×H)             | 160 × 145 × 87 mm   |
| Weight                         | 3.9 kg              |
| Power Supply                   | 100-240 V, 50/60 Hz |
| Input Voltage                  | 24 V                |
| Power Consumption              | 30 W                |
| Ambient Temperature & Humidity | 5-40°C, 80% RH      |
| Enclosure Protection           | IP21                |

## Applications

- Molecular Biology
- Biotechnology
- Chemical Analysis
- Clinical Laboratories
- Pharmaceutical Research

## Features

- LCD screen displays real-time speed and time for easy adjustment and monitoring.
- Adjustable speed ranges from gentle to vigorous mixing to suit various needs.
- Dual-sided IR sensing for automatic tube detection and mixing, accommodating different user preferences.
- Stable with pressure-mounted accessories to prevent slippage and splashing.
- Brushless DC motor for high stability and maintenance-free operation.
- Sturdy base ensures stability during operation for safety.
- Includes various accessories for different sizes and types of tubes and plates.
- Low noise for a quiet working environment.
- Automatic start upon tube detection — no pressure required.
- Infrared sensing technology significantly reduces repetitive strain compared to traditional touch activation.



Accessories of Vortex Mixer MX-S+ &amp; MX-Pro

## Accessories of MX-S+&MX-Pro

### VT2.3 Cat. No.18901365

Universal top plate, compatible with VT1.3.1-VT1.3.12 Tube Adapter



### VT2.5 Cat. No.18901367

Erlenmeyer flask attachment (100mL-250mL), Operating speed: 0~1500rpm



### VT2.4 Cat. No.18901366

Ampule/Tube Attachment, 4pc ampule/tube (0.2mL-15mL)



### PS2.1 Cat. No.18901360

Microplate clamp, Suitable for workboards (full skirt PCR plates, cell culture plates, enzyme-linked immunosorbent assay plates, deep well plates, etc. Half skirt/no skirt PCR plates need to be used with rectangular foam, which is already included)



## Accessories of MX-S+&MX-Pro (New)

### VT2.1 Cat. No.18901379

Top cup, Suitable for MX-Pro



### VT2.6.2 Cat. No.18901377

Tube Adapter, 21 holes, Ø8mm(1.5-2mL), Applicable to RUN mode



### VT2.1 Cat. No.18901380

Top cup, Suitable for MX-S+



### VT2.6.3 Cat. No.18901376

Tube Adapter, 16 holes, Ø10mm(2-5mL, Not compatible with 5 mL conical tubes. Compatible with standard 5 mL centrifuge tubes.), Applicable to RUN mode



### VT2.2 Cat. No.18901373

Flat Rubber Sleeve (Standard)



### VT2.6.4 Cat. No.18901375

Tube Adapter, 8 holes, Ø14mm (10-15mL, supports 5 mL conical tubes; incompatible with standard 5 mL centrifuge tubes.), Applicable to RUN mode



### VT2.6 Cat. No.18901368

Snap-in Universal top plate, compatible with VT2.6.1-VT2.6.5 Tube Adapter



### VT2.6.5 Cat. No.18901374

Tube Adapter, 4 holes, Ø25.5mm(50mL), Applicable to RUN mode



### VT2.6.1 Cat. No.18901378

Tube Adapter, 25 holes, Ø4.5mm(0.1-0.5mL), Applicable to RUN mode



\*Material color may vary slightly during the initial launch phase. Please refer to the actual product.

## Accessories of MX-S+&amp;MX-Pro (New)

|                  |                         |                                                                                                                                                                                     |                 |                         |                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VT2.6.6</b>   | <b>Cat. No.18902244</b> | <p>Tube Adapter, 19 holes × Ø9mm,<br/>Applicable to 2 mL cryovial,<br/>Applicable to RUN mode</p>  | <b>VT 2.7.5</b> | <b>Cat. No.18901871</b> | <p>Horizontal Plastic Clamp,<br/>12 holes × 15mL Test Tube<br/>(Circular plate)</p>                                                                                                                                                                                                            |
| <b>VT2.6.7</b>   | <b>Cat. No.18902280</b> | <p>Vial adapter, 8 holes, Ø17mm<br/>(suitable for 5 mL vials), Applicable<br/>to RUN mode</p>      | <b>VT 2.7.6</b> | <b>Cat. No.18901872</b> | <p>Horizontal Plastic Clamp,<br/>6 holes × 50mL Test Tube<br/>(Circular plate)</p>                                                                                                                                                                                                             |
| <b>VT2.6.8</b>   | <b>Cat. No.18902281</b> | <p>Vial adapter, 6 holes, Ø20.5mm<br/>(suitable for 10 mL vials),<br/>Applicable to RUN mode</p>   | <b>VT 2.8.1</b> | <b>Cat. No.18902336</b> | <p>50 mL vertical multi-format rack,<br/>12 x 50 mL, including 24 clamps,<br/>suitable for RUN mode</p>                                                                                                                                                                                        |
| <b>VT2.6.9</b>   | <b>Cat. No.18902282</b> | <p>Vial adapter, 4 holes, Ø26.5mm<br/>(suitable for 20 mL vials),<br/>Applicable to RUN mode</p>   | <b>VT 2.8.2</b> | <b>Cat. No.18902337</b> | <p>15 mL vertical multi-format rack,<br/>12 x 15mL, including 24 clamps,<br/>suitable for RUN mode</p>                                                                                                                                                                                         |
| <b>VT 2.6.10</b> | <b>Cat. No.18902283</b> | <p>Vial adapter, 4 holes, Ø26.5mm<br/>(suitable for 30 mL vials),<br/>Applicable to RUN mode</p>  | <b>VT 2.8.3</b> | <b>Cat. No.18902338</b> | <p>1.5 mL vertical multi-format rack,<br/>12 x 1.5mL, including 24 clamps,<br/>suitable for RUN mode</p>                                                                                                                                                                                      |
| <b>VT 2.7.4</b>  | <b>Cat. No.18901870</b> | <p>Horizontal Plastic Clamp,<br/>24 holes × 1.5mL Test Tube<br/>(Circular plate)</p>             | <b>PS2.2</b>    | <b>Cat. No.18901361</b> | <p>Snap-in Microplate clamp, Suitable for<br/>workboards (full skirt PCR plates, cell culture<br/>plates, enzyme-linked immunosorbent assay<br/>plates, deep well plates, etc. Half skirt/no<br/>skirt PCR plates need to be used with<br/>rectangular foam, which is already included)</p>  |

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