



2024 BROCHURE



Shaker

Innovative Life Sciences Tools

New Products

3D Mini Tray Shaker

MS-3D-TS

*Please see
p.31 for details.

Simple imager Hood for Cell Phone

DI-CP

*Please see p.21 for details.

Microplate centrifuge

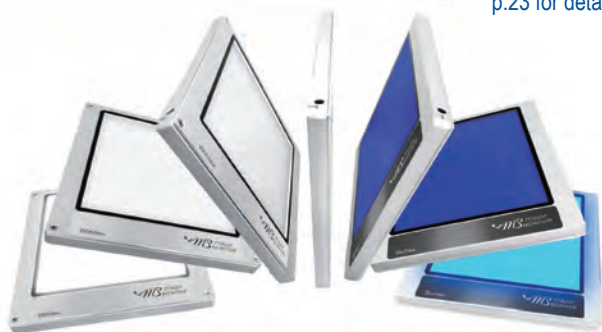
MS-MC

*Please see p.17 for details.

Coming Soon...

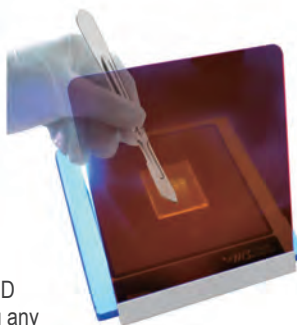
Dual LED Blue/White Light Transilluminator, MBE-200BW

*Please see
p.23 for details.



Both sides integrate different LED light source.

The advanced Dual LED Blue/White Light Transilluminator is packed with powerful and safe 470 nm blue LED light and whole-wavelength white LED light and allows you to directly view the experiment result without wearing any UV protection equipment.



Variable Speed Vortex Mixer MS-VM Series

*Please see p.30 for details.

The Major Science Vortex Mixer series is an efficient and compact instrument for any routine mixing applications needed in the field of life sciences, chemistry, medicine, bioengineering, analytical and research laboratories.

This product includes the eccentric rotating structure to generate vortex flow in the liquid in test tubes centrifuge tubes, microplate and other containers and offers fully mixing the solution.

Choose from two modes of operation : continuous mode provide variable speed can allows low rpm start-up for gentle mixing or high speed mixing for vigorous vortexing of samples, touch mode which activates mixing when depressing the platform.

The Major Science Vortex Mixer series is stable and reliable with reliable durability and also has a variety of accessories to choose from to adapt to different experimental needs.



* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.

Variable Speed Vortex Mixer MS-VM Series

NEW



↓ ↓ ↓
Auto Off Touch



MS-VM-001



MS-VM-002



MS-VM-003



MS-VM-004



MS-VM-005



MS-VM-006



MS-VM-007



MS-VM-008



MS-VM-009

| | |
|--------------------|--|
| Model | Variable Speed Vortex Mixer |
| Cat. No. | MS-VM Series |
| Voltage | AC 110V or 220V, 50/60 Hz |
| Power | 60W |
| Movement | Orbital |
| Orbital Diameter | 4mm |
| Speed Range | 0-2800rpm, manual adjustment |
| Mode | Continuous(ON), Depressing(Touch), Stop(OFF) |
| Dimensions | W170×D120×H170mm |
| Weight | 4.8kg |
| feet | 4 Rubber Feet Pad |
| Standard Accessory | 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head |
| Optional Accessory | 15ml/50ml Tube Holder |
| | 1.5ml/15ml/50ml Tube Foam Rack |
| | 96-well PCR Plate Foam Platform |
| | 96-well Microplate Foam Platform |

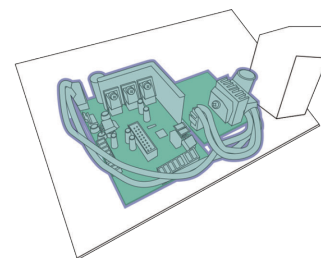
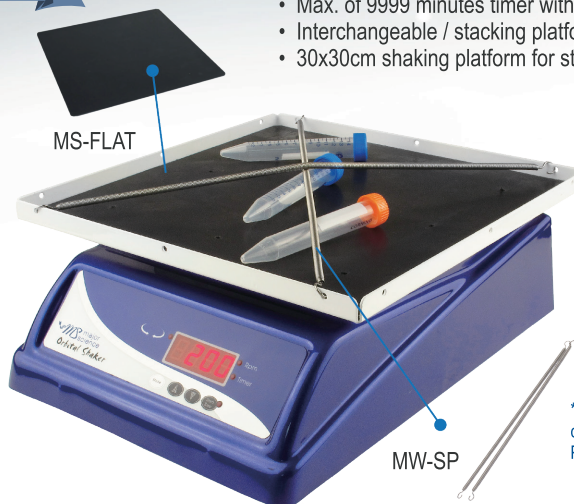
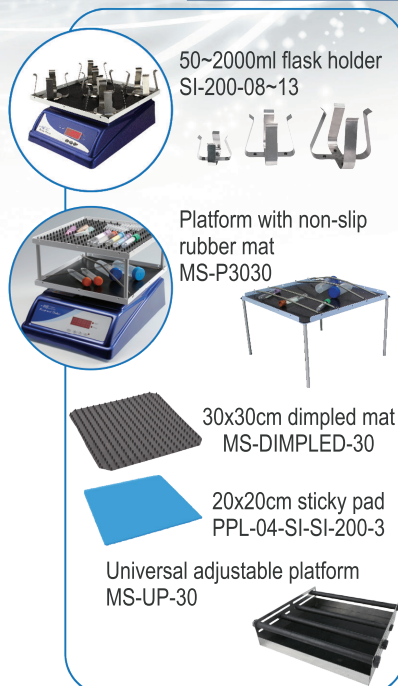
| Cat. No | Product Description |
|--------------|--|
| MS-VM-110-US | Variable Speed Vortex Mixer with 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head, 110V, US Power Cord |
| MS-VM-110-JP | Variable Speed Vortex Mixer with 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head, 110V, JP Power Cord |
| MS-VM-220-EU | Variable Speed Vortex Mixer with 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head, 220V, EU Power Cord |
| MS-VM-220-UK | Variable Speed Vortex Mixer with 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head, 220V, UK Power Cord |
| MS-VM-220-IN | Variable Speed Vortex Mixer with 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head, 220V, IN Power Cord |
| MS-VM-220-CN | Variable Speed Vortex Mixer with 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head, 220V, CN Power Cord |

| Cat. No | Product Description |
|-----------|----------------------------------|
| MS-VM-001 | 3" Round Rubber Flat Cover |
| MS-VM-002 | Pop-Off Rubber Cup Head |
| MS-VM-003 | 15ml Tube Horizontal Holder |
| MS-VM-004 | 50ml Tube Horizontal Holder |
| MS-VM-005 | 1.5ml Eppendorf / Tube Foam Rack |
| MS-VM-006 | 15ml Tube Foam Rack |
| MS-VM-007 | 50ml Tube Foam Rack |
| MS-VM-008 | 96-well PCR Plate Foam Platform |
| MS-VM-009 | 96-well Microplate Foam Platform |

Shaker MS Orbital Shaker

FC CE

- Heavy loading capacity (up to 15kg)
- Up to 200rpm for extreme performance
- Max. of 9999 minutes timer with alarm warning
- Interchangeable / stacking platforms and accessories for different applications
- 30x30cm shaking platform for standard laboratory practice



*Anti-moisture shakers (MS-NOR-3001) are also available for cold room and CO₂ incubation operation.
Please contact your regional manager for detail information.



MS Orbital MS-NOR-30



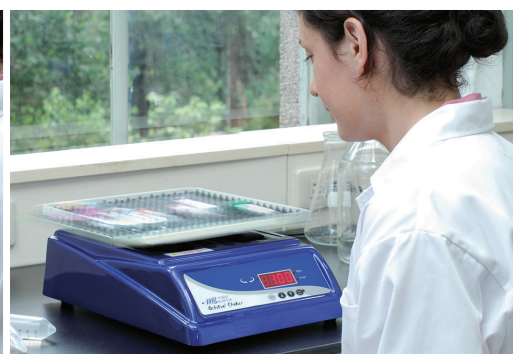
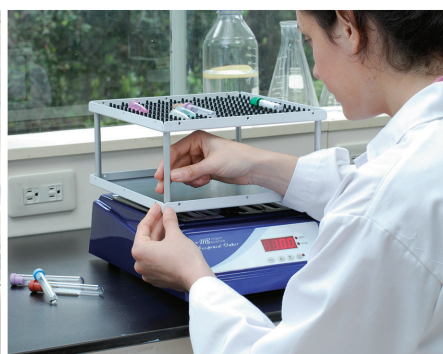
MS Reciprocal MS-NRC-30



MS Rocking MS-NRK-30

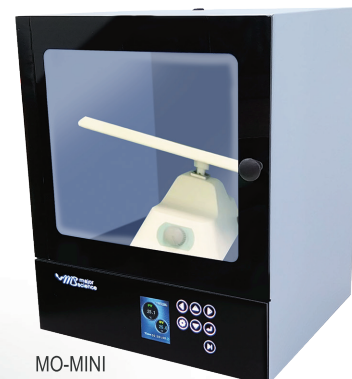
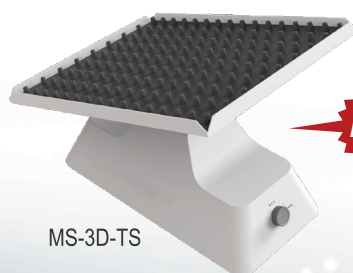
| Cat. No. | | MS-NOR-30 | MS-NOR-3001 | MS-NRK-30 | MS-NRK-3001 | MS-NRC-30 | MS-NRC-3001 |
|--------------------------------------|--------|---|-------------|-------------------------|-------------|--------------------------------|-------------|
| Shaking motion | | Orbital action in one direction or two directions | | Rocking: Tilt angle:12° | | Reciprocal: Stroke length:20mm | |
| Speed/Inc. | | 0 ~ 200rpm / 1rpm | | 5 ~ 100rpm / 1rpm | | | |
| Timer | | 9999 (min) with alarm / Continuous | | | | | |
| Platform dimension (cm) (WxL) | | 30x30 | | | | | |
| Loading capacity | | 10kg | | 15kg | | 8kg | |
| Stacking platform | | Yes | | | | | |
| Anti-moistured | | N/A | Yes | N/A | Yes | N/A | Yes |
| Platform capability of flask holders | 50ml | 13 | | | | 13 | |
| | 125ml | 12 | | | | 12 | |
| | 250ml | 9 | | | | 9 | |
| | 500ml | 5 | | | | 5 | |
| | 1000ml | 4 | | | | 4 | |
| | 2000ml | 1 | | | | 2 | |

♦ Customized specification

**3D Mini Tray Shaker**

| | |
|---------------------|----------------------------|
| 3D Mini Tray Shaker | MS-3D-TS |
| Angle | 20 ° |
| Movement | Three-Dimensional Movement |
| Speed range | 0~30 rpm |
| Speed display | scale (min/max) |
| Platform size | 234 x 168 mm |
| Overall size | 220×176×165mm |
| Max Loading | 2 kg |
| Weight | 1.2kg |
| Power | 20W |
| Input voltage | AC100~240V 50/60Hz |

*Could be compatible with MO-MINI



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