



2024 BROCHURE



Shaker

Innovative Life Sciences Tools

New Products

3D Mini Tray Shaker

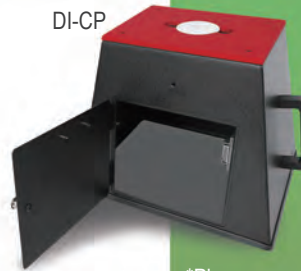
MS-3D-TS



*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.



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* Technical specifications subject to change without notice.

Variable Speed Vortex Mixer
MS-VM Series



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



- 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

50-2000ml flask holder
SI-200-08-13

Platform with non-slip
rubber mat
MS-P3030

30x30cm dimpled mat
MS-DIMPLED-30

20x20cm sticky pad
PPL-04-SI-SI-200-3

Universal adjustable platform
MS-UP-30

MS-FLAT

MW-SP

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

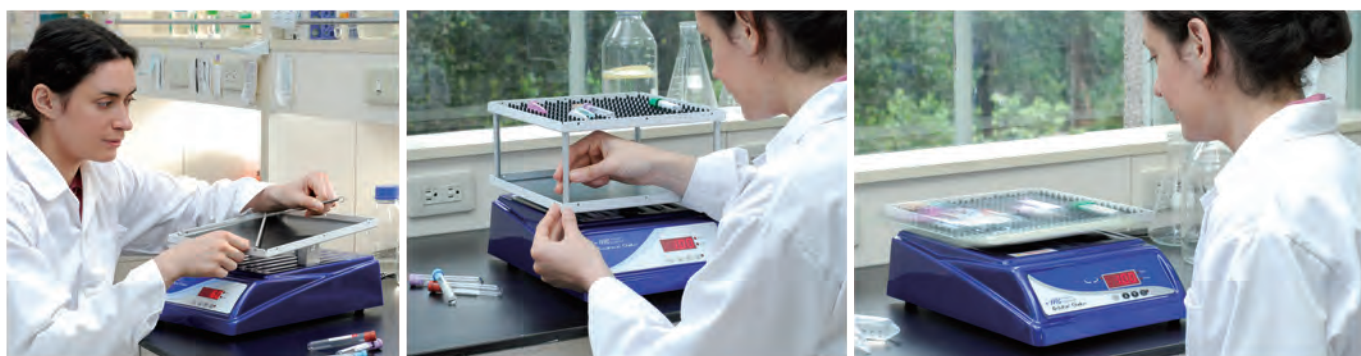
MS Orbital MS-NOR-30

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	

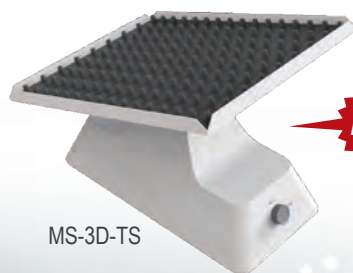
◆ Customized specification



3D Mini Tray Shaker

3D Mini Tray Shaker	MS-3D-TS
Angle	20 °
Movement	Three-Dimensional Movement
Speed range	0-27rpm
Speed display	scale (min/max)
Platform size	234 x 168 mm
Overall size	220x176x165mm
Max Loading	1 kg
Weight	1.7 kg
Power	20W
Input voltage	AC100~240V 50/60Hz

*Could be bundled with MO-MINI.



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