



# 2023-2024 Catalogue

## Shaker



*Innovative Life Sciences Tools*

# MBI Orbital Shaker

## MBIMS-NOR-30

## MBIMS-NOR-3001

Three different shaking motions of MBI Shaker series is provided for many purposes in chemical and life sciences laboratories. The Orbital Shaker digitally controls clockwise and/or counterclockwise orbits to create superb mixing efficiency. MBI Shaker provides continuous or timed operation with integral electronic timer, LED display, audible signal for automatic switch-off timed control, interchangeable/stacking platforms. Reciprocal shaker can hold up to 15kg of weight.

For Anti-moisture model

The MBI Anti-moisture Shaker series offers the same capabilities as our original MBI shaker series with moisture protection coating. The moisture protection allows you to operate the shaker in cold-room or low temperature environment. An anti-moisture coating is applied on the electrical structure to minimize and prevent the forming of condensation when operating in & out of the cold room. Standard features and accessories from the MBI shaker series apply to all three different models.



FC CE



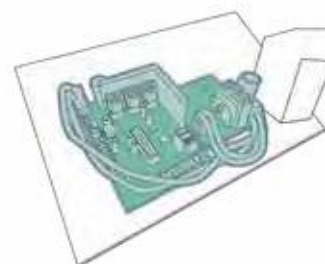
MBI Orbital  
Shakerà  
MBIMS-NOR-30



Heavy loading capacity

MBIMS-NOR-3001

Special coating allows anti-moisture for cold room operation



### Features

- Continuous one way orbital shaking or two ways clockwise/ counter-clockwise orbital shaking
- Continuous or timed operation with auto shut-off
- Variable shaking speed up to 200rpm for MBIMS-NOR-30
- Variety of accessories available
- Max. 22.0lb (10kg) loading capacity for MBIMS-NOR-30
- Special anti-moisture coating allows smooth operation in cold room environment or CO<sub>2</sub> incubation
- Optional 300x300mm platform available for your selection.

### Platform capability of Flask Holders

Flask	Max. set of flask holder	
	MBIMS-NOR-30	
50ml	13	
125ml	12	
250ml	9	
500ml	5	
1000ml	4	
2000ml	1	

\*When operating with second-tier platform, max. loading capacity may change.

Cat. No.	MBIMS-NOR-30 (MBIMS-NOR-3001**)
Motion	Orbital
Moving Feature	Orbital action in one direction or two directions
Bi-directional Shaking	0.1 - 10 circle / 0.1 circular increment
Maximum Tilt Angle	N / A
Maximum Stroke Length	20mm
Controller	Digital microprocessor controller
Speed/Inc.	0 - 200rpm / 1rpm
Timer	9999 (min) with alarm / Continuous
Loading Capacity	22.0lb (10kg)
Motor	Stepping motor
Operating Temperature	Ambient to 40°C
Platform Dimension (WxL)	Approx. 1.2"x1.2" (300x300mm)
Platform Material	Painted iron metal
Stacking Platform	Yes
Dimension (WxLxH)	Approx. 11.8"x12.2"x5.1" (300x310x130mm)
Material	ABS and Painted iron metal
Weight	Approx. 15.4lb (7.0kg)
Rated Voltage	110V / 220V~ selectable; 50/60Hz; 0.63A