



## **MS Oven**

# MS Oven

MO-A01

MO-AOR-02

MO-ARK

Waver shaker offers optimal movement for the multiple stainings and washings involved in gel, blotting, microscopy and immunostaining applications. Its combination of vertical and horizontal orbital motion provides more rapid exchange of solvents and greater mixing efficiency.

Hybridization water bath is offered along with the waver shaker for wet hybridization, and it is even used as a shaking water bath. It is a digital controlled instrument equipped with a RS 232 port for data logging. It provides the temperature uniformity hybridization processes require.

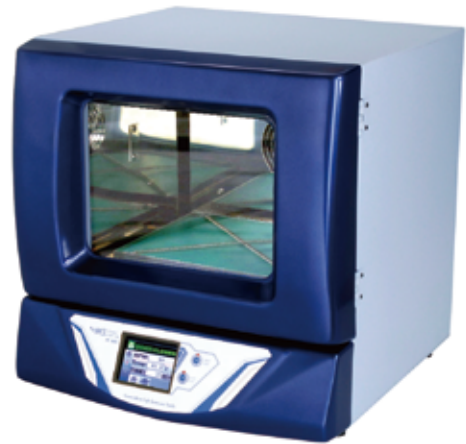


## Features

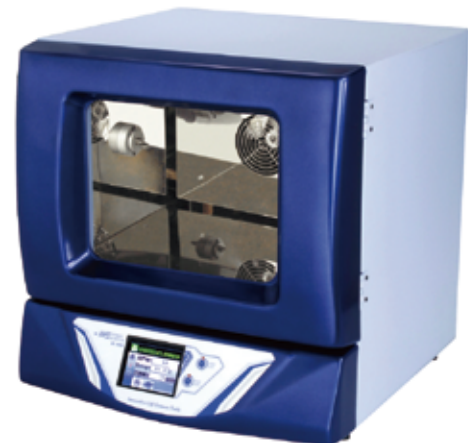
- Continuous or timed operation with automatic shut-off
- Variable shaking speed from 5 to 100 rpm for mixing and washing action
- Two shaking movements in 2D or 3D
- Adjustable platform angle
- Interchangeable / stacking platforms, and accessories for a variety of vessels.
- 33 lb (15 kg) carry capability
- One of 4 digital red LED display
- High quality DC Brushless motor
- Extendable shelf
- Light weight for easy mobility
- Very easy maintenance
- 33 x 33 cm platform



MO-A01



MO-AOR-02



MO-ARK

\*To perform rocking motion on optional accessories, MO-SEESAW is required.

## Specification

Product name	MO-A01	MO-AOR-02	MO-ARK
Display	3.5" 64 K color TFT display		
Controller	32-bits Microprocessor		
Control Interface	Touch screen & graphical interface		
Rotisserie Function	N/A		Yes
Rotisserie Speed / Inc.	N/A		5-100 rpm / 1 rpm
Timer	1-9999 minutes with alarm or continuous operation		
Shaker Motion	N/A	Orbital clockwise / counterclockwise	Rocking*
Shaker Speed	N/A	0-200 rpm	5-100 rpm
Temperature Control Range	Ambient +5°C to 85°C		
Temperature Increment	0.1°C		
Temperature Uniformity	± 0.2°C at 37°C		
Temperature Accuracy	± 0.2°C at 37°C		
User Temperature Calibration	Yes		
Inner Chamber Dimension	(W x L x H) 13.39" x 8.86" x 10.24" (340 x 225 x 260 mm)		
Inner Chamber Volume	Approx. 5.28 gal:1 (20 L)		
Overall Dimension	(W x L x H) 17.4" x 18.19" x 17.8" (442 x 462 x 452 mm)		
Platform	N/A	(W x D) 10.63" x 7.87" (270 x 200 mm)	
Data Logging	RS-232		
Unit Weight	Approx. 52.9 lb. (24 kg)	Approx. 55.1 lb. (25 kg)	Approx. 63.9 lb. (29 kg)
Rated Voltage	110 / 220 V -50 / 60 Hz (Selectable)		
Construction	Painted iron metal with ABS front door		
Safety Device	Safety door switch		
	Thermal safety switch		
	Auto shut off upon fan failure		
	Power failure auto recovery		

To perform rocking motion on optional accessories, MO-SEESAW is required.

## Ordering Information

Cat. No	Product Description
MO-A01	Hybridization Oven with 2 layers of stainless steel mesh plates and 8 plate holders
MO-AOR-02	MS Orbital Shaking Oven, without rotisserie structure
MO-ARK	MS Hybridization Oven (w/o rotisserie & rocking shaker), 110 / 220 V

## Accessories

Cat. No	Product Description
MO-HY-8RT	40 mm rotisserie for 8 tubes
MO-HY-16RT	50 ml conical tube rotisserie for 16 tubes
MO-HY-24RT	15 ml conical tube rotisserie for 24 tubes
MO-P2320	Additional 23 x 20 cm platform for orbital and reciprocal shaker (with 4 of 10 cm pillars)
MO-FH-125	1x 125 ml flask holder without platform
MO-FH-250	1 x 250 ml flask holder without platform
MO-FH-500	1 x 500 ml flask holder without platform
MO-FH-125-SET	8 x 125 ml flask holders without platform (only for MO-AOR series / MO-ARC)
MO-FH-250-SET	5 x 250 ml flask holders without platform (only for MO-AOR series / MO-ARC)
MO-FH-500-SET	4 x 500 ml flask holders without platform (only for MO-AOR series/ MO-ARC)
MO-BT40x150	Glass tube 40 x 150 mm (diameter x length)
MO-BT40x200	Glass tube 40 x 200 mm (diameter x length)
MO-BT40x300	Glass tube 40 x 300 mm (diameter x length)





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