

MS Hybridization Shaking Oven, MO-AOR (Orbital)

Product Introduction

MS Hybridization Oven series is the advanced version of MS Oven. These two models of MS Hybridization Oven are designed to equip with built-in rotisserie function. The difference of the two models is in the shaking motion. MO-AOR is embedded with orbital shaking platform while MO-ARK provides an optional rocking one (MO-SEESAW). MS Hybridization Oven is ideal for nucleic acid hybridization and incubation such as Southern, Northern, and Western blot. Full accessories are also available upon request to meet different applications.

Features

- Built-in rotisserie function
- Orbital shaking motion
- Large touch screen: 3.5" color display
- Temperature uniformity and accuracy: $\pm 0.2^{\circ}\text{C}$ at 37°C
- Broad temperature control range: ambient $+5^{\circ}\text{C}$ to 85°C
- User temperature calibration
- Safety door switch
- Timer with alarm function
- Power failure auto recovery
- Sturdy, stackable construction



- User temperature calibration available.
- Timer with alarm function.
- Safety door switch device.
- Large color touch screen and graphical control interface for easy access and operation.

SPECIFICATION:

Cat. No.	MO-AOR
Display	3.5" 64K color TFT display
Controller	32-bits Microprocessor
Control Interface	Touch screen & graphical interface
Rotisserie Function & Fixture (MO-HY-8RT)	Yes
Rotisserie Speed / Inc.	5 - 100rpm / 1rpm
Timer	9999 (min) with alarm / Continuous
Shaker Motion	Orbital clockwise / counterclockwise
Shaker Speed	0 - 200rpm
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 Dimensions (WxLxH)	Approx. 13.4"x8.9"x10.2" (340x225x260mm)
Inner Chamber Volume	Approx. 5.28gal (20L)
Dimension (WxLxH)	Approx. 17.4"x18.2"x17.8" (442x462x452mm)
Platform (W x L)	Approx. 10.6"x7.9" (270x200mm)
Data Logging	RS-232
Weight	Approx. 63.9lb (29kg)
Rated Voltage	110 / 220V~ 50 / 60Hz (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

Cat. No.	MO-AOR
Rotisserie Function & Fixture (MO-HY-8RT)	Yes
Rotisserie Speed / Inc.	5-100rpm / 1rpm
Shaker Motion	Orbital clockwise / counterclockwise
Shaker Speed	0-200rpm

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

Max. set of flask holder		
Flask	MO-AOR	MO-SEESAW
50ml	8	5
125ml	8	5
250ml	5	5
500ml	2	1