

MAC

ORBITAL SHAKING INCUBATOR

MSW-132



Images for reference purpose only, may change according to model & size

ORBITAL SHAKING INCUBATOR MSW-132

- Useful for life science applications, Fermentation Studies, Ageing Tests, Growth Studies and biological cultures under various controlled temperature conditions.
- Advanced shaking mechanism provides quiet shaking and precise speed control with digital display
- Minimum noise, no vibration and minimal footprint
- Stabilized orbital motion under uneven load distribution
- Various configurations of lotus clamps available for Erlenmeyer flasks
- Interior made of Stainless Steel(304 grade)with a drain-off-facility for spill overs.
- Stationery shelves made of Stainless Steel(SS-304)for use of the unit as a standard B.O.D. Incubator, can be supplied at an extra cost.
- Automatic restart at preset speed in case of power failure.

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Type	Vertical Standing
Temperature Range	Ambient 5°C to 60°C (Heated Model) or 5°C to 60°C (Refrigerated Model)
Temperature Accuracy	±0.5°C
MOC Outer	CRC sheet duly powder coated
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)
Safety	Over temperature limiter switch prevents overheating.
Insulation	High density PUF insulation for tighter temperature controls.
Temperature Controller	Microprocessor Based Digital Temperature Indicator-Cum-Controller with LED Display for Set Value (SV) & Process Value (PV) or TFT Touchscreen Display Controller (as ordered)
Shaking Motion	Permanent Magnet DC Drive for continuous operations.
Light Bank	Consisting of fluorescent lamps to provide illumination for photosynthetic applications.
Flask Holding	Lotus type clamp holder
RPM Display	DIGITAL DISPLAY

MODEL	#OSI-250(H)	#OSI-250(H-PROPLUS)	#OSI-250 (R)	#OSI-250(R-PROPLUS)
Shaking Capacity	18 Ltrs.	18 Ltrs.	18 Ltrs.	18 Ltrs.
Temperature Controller	Microprocessor Based Digital Temperature Indicator-Cum-Controller with LED Display for Set Value (SV) & Process Value (PV)	TFT Touchscreen Display Controller	Microprocessor Based Digital Temperature Indicator-Cum-Controller with LED Display for Set Value (SV) & Process Value (PV)	TFT Touchscreen Display Controller
Temp. Range	Heated Model (Ambient 5°C to 60°C)		Refrigerated Model (5°C to 60°C)	
Type	Vertical Standing		Vertical Standing can be used as a BOD Incubator also	
RPM Range	20-250rpm		20-250rpm	
Shaking Amplitude	25mm		25mm	

OPTIONS

- Illumination with fluorescent tubes and 0-24 hrs cyclic timer to control cyclic illumination conditions.
- Chamber sterilization through a U.V. germicidal tube only for model #OSI-250(R).
- Stationary perforated shelf made of SS-304 to cost extra {for #OSI-250(H) and #OSI-250 (R) Only}.
- Lotus clamps to cost extra.
- Automatic Voltage Stabilizer to cost extra.



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