Orbital Shaker (BL-OSC-250)

APPLICATIONS

- Useful for life sciences 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.
- Automatic stop of shaking system when door is opened.
- Stabilized orbital motion under uneven load distribution.
- Various configurations of stainless-steel lotus clamp available for Erlenmeyer flasks.
- Interior made of Stainless Steel (304 grade) with a drain-off facility for spill overs.
- One set of lotus clamp holders with one shaking platform of stainless steel (SS-304) supplied with the unit as a standard accessory.
- Stationery shelves made of Stainless Steel (SS-304) for use of the unit as a standard B.O.D. Incubator, can be supplied at extra cost.
- Automatic restart at pre-set speed in case of power failure.

SPECIFICATIONS

MODEL	BL-OSC-250 BL-OSC-250 (LCD)
MOC Outer	Powder Coated CRC Steel Sheet
MOC Inner	Chamber and trays made of stainless steel (SS-304)
Capacity	280Ltrs
Volume	10Cuft
Temperature Control	Microprocessor Based Digital Temperature Indicator-cum-Controller
Display	LED with Set Value (SV) and Process VALUE (PV)LCD with Set Value (SV) and Process VALUE (PV)
Inner Chamber Size (WxDxH) in mm	660x660x690mm
Insulation	High Density PUF insulation for tighter temperature controls
Shaking Trays Size	510 x 510mm
Shaking Frequency	Upto 250rpm (adjustable)
Shaking Amplitude	25mm
Type	Forced Convection Type
Temperature Range	5C to 60C
Temperature Accuracy	+0.50C
Safety	Over temperature limiter switch prevents overheating
Cyclic Timer	Fitted with cyclic programmable timer.
Light Bank	Consisting of fluorescent lamps to provide illumination for photosynthetic applications
Shaking Motion	Permanent Magnet DC Drive for continuous operations
RPM Display	DIGITAL DISPLAY

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