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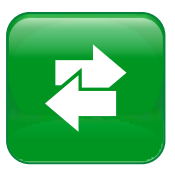
Orbital Shaking Incubators



Touch screen display



Auto restart in power failure



Inter changeable clamps



PLC Temperature Controller



21 CFR Part 11 compliance

Newtronic Lifecare Equipment Pvt. Ltd.
www.newtronic.in

Orbital Shaking Incubators

Introduction: Shaking incubators, also known as environmental shakers, are often used for cell culturing, cell aeration, and solubility studies. In addition to stable temperature conditions, they use an orbital agitation at variable speeds to affect the growth of cell cultures.

NEWTRONIC Shaking Incubators have adjustable speed and orbit to meet each application. Models are equipped with a universal shaking platform, fixed flasks. Independent alarms, and PLC based controls for temperature and speed adjustment with Touch screen display.

Applications include: Cell Cultures, Cell Aeration, Microbiology, Increasing Solubility Rates, Metabolism Studies, Bacterial Cultures, and Bacteriology

Newtronic delivers all the features and Bench top Model Shaking Incubators with even greater load capacity. The unit performs from 70-300 rpm with a smooth, quiet oscillation. The door of the larger model is designed with hydraulic pistons making it easy to lift during loading and unloading. CFC free cooling system consisting of hermitically sealed compressor couple with evaporation coil & condenser.



Salient Features:

- Interior & Exterior SS 304
- Variable speed from 70 rpm to 300 rpm
- All operation through a single 4" Colour Touch Screen
- Shaking Amplitude of 25mm
- Universal Platform to accommodate assorted size of different flasks through interchangeable molded clamps
- Automatic restart at preset speed in case of power failure
- Complete Operations driven through PLC with data logging capacity of upto 70 readings & email facility
- 21 CFR Part 11 Ready

Specifications:

Temperature Range: 5°C to 60°C | **Temperature Accuracy:** ± 1°C

Selection Guide of Orbital Shaking Incubators

Models	Capacity		Internal Dimensions (H x W x D) mm	External Dimensions (H x W x D) mm	Platform Size (W X D) mm	Platform Weight (Kg)
	CuFt	Liter				
NLOS4SI	4	100	450 x 500 x 460	690 x 920 x 790	370 x 355	7.5
NLOS9SI	9	270	500 x 900 x 600	830 x 1340 x 975	760x 510	15

Flask Holding Capacity

Size	100 Ltr.	270 Ltr.
100ml	20 Nos.	70 Nos.
150ml	16 Nos.	54 Nos.
250ml	12 Nos.	40 Nos.

Size	100 Ltr.	270 Ltr.
500ml	9 Nos.	24 Nos.
1000ml	5 Nos.	15 Nos.
2000ml	-	12 Nos.



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