

# 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 Can equipped with a universal shaking platform, or 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 50-300 RPMs 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:

- Inner and outer Chamber S.S. 304
- Variable speed from 50 RPM to 300 RPM
- Touch screen display
- Shaking amplitude 25 mm
- **Universal Platform to accommodate** interchangeable molded clamps of assorted sizes for different capacity of flasks. **100 ml ,250ml,500ml,**
- Automatic restart at preset speed in case of power failure
- PLC based Temperature Controller

### Optional Accessories:

- Chamber illumination with fluorescent with
- Cyclic timer for illumination control

Models	Chamber Volume (Litres)	Platform Size mm	Internal Dimensions H x W x D mm	External Dimensions H x W x D mm	Temperatur Range (Accuracy)
NLOS90R	90	330 x 330 (7.5kg)	450 x 450 x 450	620 x 870 x 7100	5°C to 60° C (+- 1c)
NL-OS 270R	270	745 x 490(15kg)	450 x 900 x 670	700 x 1380 x 1020	



*The name you can trust*

**NEWTRONIC LIFECARE EQUIPMENT PVT. LTD.**  
ISO 9001:2008 Certified Company

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Newtronic Lifecare Equipment Pvt. Ltd.

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