

# GENAXY®

Customer Satisfaction Through Business Ethics



## GENAXY *NE X-GEN* series Refrigerated Shaking Incubators

## GENAXY *NE<sup>X</sup>*-GEN series

### Refrigerated Shaking Incubators

#### The GENAXY *NE<sup>X</sup>*-GEN series

Refrigerated Shaking Incubators can be stacked up to three units high, providing laboratory professionals tripled culture capacity, while still only occupying the same “**footprint**” of a single shaker. All models feature an insulated, lift-up door to save space unlike the conventional front opening that needs space while opening the door.

Equipped with double-layer glass window for high visibility.

7 inch Touch display for clearly indicates all parameters (RPM, Temperature, Alarms, Set Time, balance time, UV lamp status & control, FL lamp status & control settings etc.) in one place and enables all complicated program settings intuitively just with finger tips.

- 7 Inch Touch display for clearly indicates all parameters.
- Stainless steel thread rivets mounted platform.
- Five Eccentric balanced drive based on 9 bearings made of hard aluminum bars for dependability & stability.
- UV light reduces the air burden.
- Stackable up to Three Units for Maximum space savings.



## FEATURES :

1. 7 Inch Touch display for clearly indicates all parameters (RPM, Temperature, Alarms, Set Time, balance time, UV lamp status & control, FL lamp status & control settings etc.) in one place and enables all complicated program settings intuitively just with finger tips.
2. Wide-view lift-up door with stainless steel door handle, and ergonomic sliding-out shaking rust-free stainless-steel platform provide convenient access to your experiment products.
3. Five Eccentric balanced drive based on 9 bearings made of hard aluminum bars for dependability & stability. XDrive is designed from the ground up for shaking greater loads at greater speeds. Well suited for routine applications. The shaking diameter is 20mm for optimum oxygenation and nutrient mixing and agitation from small to large flasks.
4. The incubator casing is made of heavy-gauge cold-rolled steel; together with high graded #304 stainless steel inner chambers with coved corners make it easy to clean with mild detergent.
5. The Chamber is tall enough to hold common 2L Erlenmeyer flasks & Up to 5L wide mouth high efficiency Erlenmeyer flasks.
6. Robust Brushless DC motor enables shaking motion quiet and smooth, even when unit is operating at top speed with maximum workload.
7. Non-volatile memory saves settings during a power outage and automatically restarts the unit after power is restored.
8. Stainless steel thread rivets mounted platform as standard configuration, flask clamps excluded. Plain tray available for use with sticky mats.
9. For a comfortable working height, the base stands are available in 35cm cabinet base stand. (optional with additional costs)
10. UV light reduces the air burden, keeping the chamber contamination free. (optional with additional costs)

### Flasks Capacity

Model / Capacity	50ml	100ml	250ml	500ml	750ml	1000ml	2000ml	Tube Rack S/S	96 Well Plate
GSI-250L	70	50	35	24		15	12	8	19

## Technical Specification

Model	GSI-250L	GSI-250L-H
Capacity	250 Liters	
Control	P.I.D Microprocessor	
Control Mode	Fix Value	
Control Panel	7-inch Capacitive Touch Screen	
Air Convection	Circulation	
Shaking Mode	Orbital	
Ambient Temperature (°C)	10-35	
Shaking Speed (rpm)	0-300 (250 Recommended with 3 units)	
Stroke (mm)	Ø 20 mm.	
Temperature Range (°C)	10 to 60°C	Ambient +5 to 60°C
Temperature Accuracy (°C)	0.5	
Temperature Uniformity (°C)	±1°C @ 37°C	
Timer	1 to 9999 min.	
Inner Chamber	Stainless Steel	
Outer Chamber	Cold Rolled Mild Steel (Powder Coated)	
Tray (mm) (WxD)	800 x 550	
Inner Dimensions( mm)	860 x 700 x 420 (W x D x H)	
Exterior Dimensions (mm)	1320 x 1070 x 740 (W x D x H)	950 x 780 x 62 (W x D x H)
Packing Dimensions (mm)	1420 x 1350 x 2060 (W x D x H)	
Net/Gross Weight (kg)	150 / 200 Kg.	120 / 150 Kg.
Power (W)	1500W	1000W
Electricity	230V 50Hz	
Approval	CE, ISO	
Security	Adjustable timer-based Door Open Alarm, Over-temperature Protection and alarm , Under temperature alarm, Compressor Overload Protection(Only applicable in Cooling Model), Compressor overtemperature protection (Only applicable in Cooling Model)	

## Ordering Information :

Product Code	Description
GSI-250L	250L Shaking Incubator with predrilled platform
G-Clamp-50ml	Clamp for 50ml Flask, with Spring Retainer
G-Clamp-100ml	Clamp for 100ml Flask, with Spring Retainer
G-Clamp-250ml	Clamp for 250ml Flask, with Spring Retainer
G-Clamp-500ml	Clamp for 500ml Flask, with Spring Retainer
G-Clamp-750ml	Clamp for 750ml Flask, with Spring Retainer
G-Clamp-1000ml	Clamp for 1000ml Flask, with Spring Retainer
G-Clamp-2000ml	Clamp for 2000ml Flask, with Spring Retainer
G-Clamp-96well	Clamp for 96 Well Plate
G-Sticky-Mat	20x20 cm sticky mats.

### Corporate Office :

#### GENAXY SCIENTIFIC PVT. LTD.

155-156, C-Block, Community Centre, Plot 32 to 57, Janakpuri, New Delhi - 110 058  
 Ph. : +91-11-4761 9999 (100Lines) Web. : [www.genaxy.com](http://www.genaxy.com) E-mail : [technical@genaxy.com](mailto:technical@genaxy.com)