



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Automated Orbital Shaker Incubator

**Product Code :**  
LBNY-0001-800008



**Description :**

Automated Orbital Shaker Incubator

**Technical Specification :**

Automated Orbital Shaker Incubator

General Features and Specifications:

Need to be equipped with digital control of time, temperature and shaking speed for accuracy and repeatability

Equipped Variable speed: 50 to 500rpm Temperature setting range: +25°C to 80°C Load capacity up to >12kg

Interchangeable platforms for shaking/incubating different vessels

Equipped with temperature control by microprocessor plus forced heated air circulation which able to ensure constant and even temperature within the chamber Equipped with soft start' and stop to protect sample damage

Equipped with direct drive shaking system for reliable, long-term operation

Need to be simple to program time, temperature and shaking speed

Need to be robust, compact construction with stainless steel inside chamber

Equipped with motor, thermal insulation materials and temperature PID-control to decreases the energy consumption and to preserves the environment"

Technical Specifications:

Speed range rpm 50 to 500 RPM

Stability  $\pm^{\circ}\text{C}$  0.5

Orbit 15-20 mm

Temperature setting range +25 to 80 oC

Temperature setting resolution 0.1

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Continuous operation 30 days (720 hours)  
Timer 1 min to 96 hours  
Load capacity >12 kg  
Internal working dimensions (d x w x h) 400-450 x 250-400 x 250-300"  
Operating Environment;  
Temperature :+10 °C to + 32°C  
Relative humidity : Not more than 85%  
Altitude:- 2300-2400 meter"  
Utility requirement:  
Voltage: 220VAC, + 10% , 50Hz.



**Laboratory Instrument India**