

## REFRIGERATED INCUBATOR SHAKER









Precision Temperature & Shaking  
for Advanced Laboratory Applications

### INTRODUCTION

Equipaxis Refrigerated Incubator Shaker is a high-performance system designed to provide controlled temperature conditions combined with uniform shaking for advanced laboratory applications. Ideal for microbiology, cell culture, BOD testing, and biochemical studies, it ensures optimal growth and reaction conditions.

With integrated orbital shaking and precise PID temperature control, the system delivers consistent aeration, uniform mixing, and stable environmental conditions for reliable and reproducible results.

### KEY FEATURES

-  **Integrated Shaking Mechanism**  
Built-in orbital shaker ensures uniform mixing and proper aeration, enhancing microbial growth and experimental efficiency.
-  **Precise Temperature Control**  
Wide operating range (5°C to 60°C) with PID-based control ensures stable and accurate temperature conditions.
-  **Uniform Performance**  
Air circulation system maintains consistent temperature distribution throughout the chamber.
-  **User-Friendly Digital Interface**  
Digital display for easy control of temperature, RPM, and time, with programmable settings for customized operation.
-  **Adjustable Shaking Speed**  
Variable speed range from 35 to 250 RPM allows flexibility for different applications.
-  **Robust Construction**  
Stainless steel inner chamber with powder-coated outer body ensures durability and corrosion resistance.
-  **Efficient Illumination & Visibility**  
LED lighting inside the chamber allows easy monitoring of samples.
-  **Advanced Safety Features**  
Includes over-temperature protection and compressor safety for secure and long-term operation.



Controlled Conditions. Consistent Results.

## SPECIFICATIONS

Working Temperature Range	5°C to 60°C
Temperature Accuracy	±1°C
Temperature Controller	PID Microprocessor Controller
Temperature Uniformity	High uniformity with air circulation
Shaking Speed (RPM)	35–250 RPM
RPM Display	Digital
Shelves	1 Wire Mesh
Type of Shelves	Removable
Material of Shelves	Stainless Steel (SS)
Air Circulation	Air Circulating Fan
Illumination	LED Light inside the chamber for sample viewing
Material of Inner Chamber	Stainless Steel
Material of Outer Body	GI sheet powder coated
Insulation	Glass wool / PUF (Polyurethane Foam)
Chamber Construction	Double walled
Temperature Controller Type	PID Controller
Power Supply	220/230V AC

## AVAILABLE MODELS

Model No	Chamber Dimensions (WxDxH)	No of Flask 250ml
EA301	460X460X610mm	9
EA302	560X560X710mm	16
EA303	760X760X760mm	25

## SAFETY FEATURES

- ▶ Over Temperature Protection System
- ▶ Compressor Overload & Safety Protection
- ▶ Double-Walled Insulated Chamber Safety
- ▶ PID Controlled Safety Monitoring
- ▶ Stable Anti-Vibration Shaking Mechanism



Scan to know more

Controlled Conditions. Consistent Results.