

# Hot Air Oven

AI0049



**CellBio's** Hot Air Oven, engineered for exceptional accuracy and reliability in bioscience applications. Experience unparalleled thermal uniformity that sets new standards for sterilization and sample processing.

Built with durable, high-quality materials, our oven ensures long-term reliability and safety. Enhanced with digital interfaces and easy programming features, it offers seamless operation, allowing researchers to set and forget with confidence.



## Sterilization

Ensures sterile tools and containers for sensitive biological experiments.



## Sample Drying

Removes moisture from samples without compromising their integrity



## Thermal Processing

Facilitates the incubation and conditioning of biochemical samples and assays.

*Sterilize Smarter, Research Faster.....*

# Electrostatic Coated Drying Oven

## Unmatched Quality:

### Exterior

Robust cold rolling steel with **electrostatic spraying for durability.**

### Interior

Premium **stainless-steel** chamber, designed for uniform heat distribution.

## Performance and Safety Engineered for Excellence:

### PID Intelligent Temperature Control

**Micro-computer technology** ensures precise temperature management and operational timing.

### Safety First:

**Over-temperature alarm and automatic shutdown**, enhanced by an independent temperature-limiting alarm system, ensure safe, accident-free experiments

## Efficiency in Operation:

### Enhanced Airflow System:

Features **vertical double ducts** and a **turbine fan** for consistent temperatures and improved durability.

### Visibility and Control:

Equipped with a **heat-isolated door** and wide tempered glass window for easy monitoring.

## Advanced Features for Superior Usability:

### Dual Display System:

**Large LCD screen displays** multiple data points, including temperature and timing.

### Customizable Fan Speed:

**Adjustable regulator** for fan speed control, ensuring even temperatures.

### Seal the Deal:

Adjustable **Air-tight buckle lock** and silicone rubber seal for a secure, safe environment.

## Operational Excellence:

### Timer and Over-Temperature Protection:

Schedule operation times with **built-in features to prevent overheating** and protect your research.

### Long-lasting Performance:

Durable design with strategically **fitted turbine for sustained efficiency.**

# Specifications: Electrostatic Coated Drying Oven

Controller Type	PID / LCD				
Temperature Range	Amb. t 5-300'C				
Temperature Accuracy & Resolution	0.1 °C				
Timing Range	9999rnin				
Capacity	30 Ltrs.	45 Ltrs.	65 Ltrs.	125 Ltrs.	30 Ltrs.
Inner Dimensions (mm)	310x310x310	350x350x350	400x360x450	500x450x550	310x310x310
Outer Dimensions (mm)	450x490x685	490x530x735	540x540x830	640x630x930	450x490x685
Heating Power	800 W	1200 W	1600 W	2300 W	800 W
Weight	33 Kg	37 Kg	44 Kg	60 Kg	33 Kg
Electrical Requirements	220V/50Hz				