

## INTRODUCTION

Esco Isotherm® world-class laboratory ovens and incubators— great choice for high-forced volume thermal convection applications. With its ergonomic design, microprocessor PID controls, 4-zone heated air jacket, precisely tuned and tested ventilation and insulation package, Esco Isotherm® is your most reliable laboratory oven and incubator for universal applications.

## List of Applications

### Forced Convection Laboratory Oven

- Drying
- Heated storage

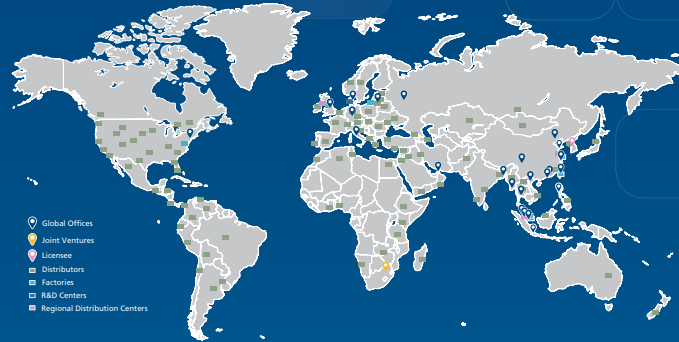
### Forced/Natural Convection Laboratory Incubator

- Microbiological culture
- Coliform determination

### Refrigerated Incubator

- Plant cell growth
- Pharmaceutical stability testing
- Biological Oxygen Demand (BOD) testing

## ESCO LIFESCIENCES GROUP 42 LOCATIONS IN 21 COUNTRIES ALL OVER THE WORLD

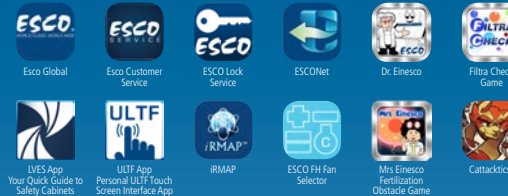


**ESCO**  
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## Esco Laboratory Oven and Incubators



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[www.escolifesciences.com](http://www.escolifesciences.com)

# Esco Laboratory Oven and Incubators



## KEY FEATURES:

- Ventiflow™ Ventilation System – Forced air convection design\*
- Pre-heat Chamber Technology – 4-zone heated air jacket
- SmartSense™ Microprocessor PID Control Technology
- ISOCIDE™ Antimicrobial Powder Coating
- Superior Insulation

\*Applicable for OFA, IFA, and IFC models only.

## OVERVIEW OF MODELS

### Isotherm® Forced Convection Laboratory Oven

- Temperature Range: Ambient +7.5°C to 300°C
- Multiple Redundant Over-Temperature Protection System
- Door Keylock
- Available sizes: 32L, 54L, 110L, 170L, 240L



Model: OFA-110-\_\_

### Isotherm® Forced Convection Laboratory Incubator

- Temperature Range: Ambient +7.5°C to 100°C
- Adjustable Fan Speed and Air Exchange Rates
- Door Keylock
- Available sizes: 32L, 54L, 110L, 170L, 240L



Model: IFA-110-\_\_

### Isotherm® Natural Convection Laboratory Incubator

- Temperature Range: Ambient +7.5°C to 80°C
- Excellent Construction
- Inner Glass Door
- Available sizes: 32L, 54L, 110L, 170L, 240L



Model: INA-110-\_\_

### Isotherm® Refrigerated Incubator

- Temperature Range: 0°C to 100°C
- Auto-Defrost System
- Door Keylock
- Available sizes: 110L, 170L, 240L



Model: IFC-110-\_\_

## OPTIONS AND ACCESSORIES

### Wall bracket (only for 32 L and 54 L chambers)

Accommodates desired operating heights.



### Reversed Door Swing (Factory-installed)

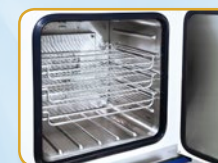


### Support stands fixed height at 715 mm (28")



### Additional Shelf

Two shelves are included for 32 L, 54 L, 110 L, 170 L and 240 L models as standard. Additional shelves may be ordered.



### Optional Stainless Steel Exterior

Robust construction and corrosion-resistant surface that meets pharmaceutical and clinical laboratory requirements.



### Voyager® Software Kit

Esco Voyager® is a PC-based software package developed for remote monitoring, datalogging and programming/device configuration of Esco controlled environment laboratory equipment.

