

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

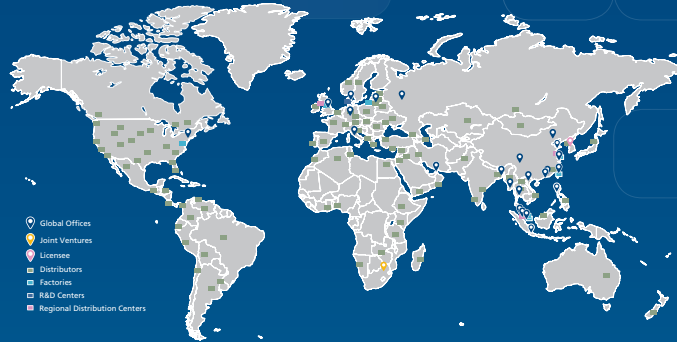
Forced/Natural Convection Laboratory Incubator

- Microbiological culture
- Coliform determination

Refrigerated Incubator

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

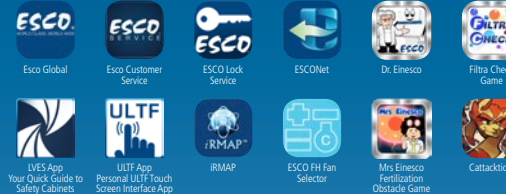
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Esco Laboratory Oven and Incubators

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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)

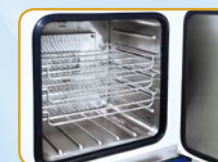


Support stands fixed height at 715 mm (28")



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.

