

## INTRODUCTION

Cold storage equipment play a very important role in a researcher's life work. Most of the studies conducted by each researcher relies on the sample storage in maintaining the integrity and quality of their precious samples and other biological products. Protection of your essential and irreplaceable samples is a critical factor for ensuring viable results. Short term storage, a matter of months, can be done in a Laboratory Refrigerator (2°C to 15°C) or Laboratory Freezer (-10°C to -40°C).

To help meet the challenge of providing equipment that researchers and laboratory professionals can depend on, we have Esco's line of cold storage equipment. HP Series Laboratory Refrigerator and Freezer are designed for laboratory use, offering superior product protection with long-term reliability and exceptional quality for sensitive and precious samples across clinical and research applications.

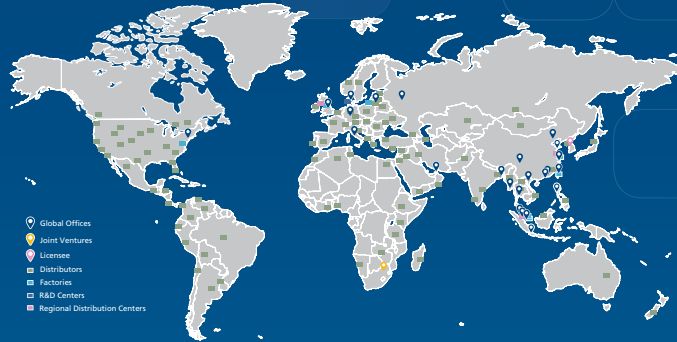
## List of Applications

Provides optimal storage temperature for sample preservation and protection.

- Biological samples
- Culture media
- Pharmaceutical products
- Reagents
- Vaccines



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



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SCIENTIFIC

## Esco HP Series Laboratory Refrigerators and Freezers



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

## LABORATORY REFRIGERATORS

**+2°C to +15°C**



Model: HR1-400S-<sub>—</sub>

- Forced-air design
- Intelligent automatic defrost
- Internal LED lighting
- CFC- and HCFC - free
- Available sizes: 128 L, 347 L, 620 L, 1355 L

**ISOCIDE™** 

## LABORATORY COMBINATION REFRIGERATORS AND FREEZERS

**+2°C to +15°C and  
-10°C to -24°C**



Model: HC6-400S-<sub>—</sub>

- Forced-air design
- Intelligent automatic defrost
- Internal LED Lighting
- CFC- and HCFC - free
- Available sizes:  
Refrigerator: 170 L and Freezer: 160 L,  
Refrigerator 260 L and Freezer: 265 L

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## LABORATORY FREEZERS

**-10°C to -25°C**

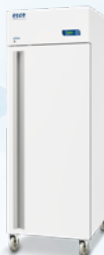


Model: HF2-400S-<sub>—</sub>

- Forced-air design
- Intelligent automatic defrost
- Internal LED lighting
- CFC- and HCFC - free
- Available sizes: 128 L, 347 L, 620 L, 1355 L

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**-20°C to -40°C**



Model: HF3-700S-<sub>—</sub>

- Forced-air design
- Intelligent automatic defrost
- CFC- and HCFC - free
- Available sizes: 360 L, 544 L

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## CONTROLLER OPTIONS

### Standard Controller



- Microprocessor controller
- Back-lit LCD
- Alphanumeric display for temperature, date, alarms, etc.
- Audible and visual alarms for high/low temperature, door open, and power failure

### Touchscreen Controller



- Microprocessor controller
- Touchscreen
- SD Card and USB slot
- Audible and visual alarms for high/low temperature, door open, and power failure

\*not available for 128 L size

## OPTIONS AND ACCESSORIES



### Access Port

A 15 mm or 35 mm diameter hole that will be placed at the back of the unit, closed with a white plastic cap, used for the access of additional probes inside the chamber.



### Backup Battery

Standard backup battery for acoustic and visual alarm during power failure (Standard and Touchscreen models)



### Basket Kits

Made of stainless steel that provides an anti-corrosion environment for your samples. It is mounted on anti-tilt side slides and can be glided outside the chamber for the purpose of easy access to samples.



### Chart Recorder

The chart recorder provides an easy-to-read graph of data vs time. It is a reliable, accurate, and stable instrument, for on-the-spot written documentation of chamber temperature.



### Drawer Kits

A drawer extractable on telescopic slides, adjustable in height, bottom made of painted steel, beehive structure type, supplied with adjustable dividers made of polypropylene, front is fitted with an ergonomic aluminum handle, for the storage of samples in a more convenient and organized way.



### Shelf Kits

Atoxic, plastic-coated steel, supported by anti-tilt clips. It is for additional space inside your chamber where you can place your samples. It also provides a good support for your samples to prevent damage and maintain organization of samples.