

INTRODUCTION

Most of the studies conducted by researchers rely on sample storage in maintaining the integrity and quality of their biological products. Protection of your essential and irreplaceable samples is a critical factor for ensuring viable results.

Ultra-Low Temperature (ULT) Freezers are widely used in scientific research for long-term storage of samples. As ULT freezers are often operated at -80°C continuously for years, reliability is of paramount importance to the researchers.

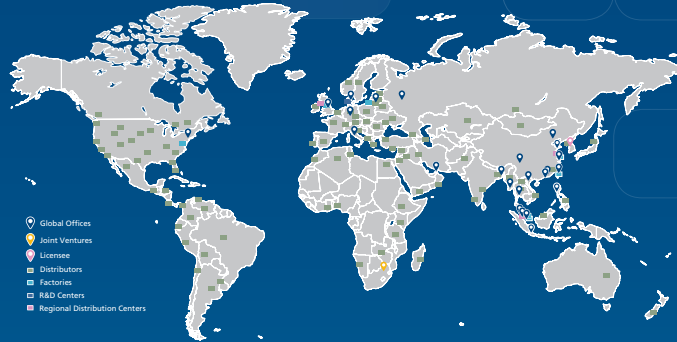
Constructed from high-quality proven components with energy-efficient refrigeration design, Esco Lexicon® II ULT freezers provide top notch protection that can withstand the test of time to guarantee the integrity of your samples.

List of Applications

For long-term storage and preservation of:

- Biological Samples
- DNA, RNA, Proteins
- Cell Extracts
- Enzymes
- Tissue Samples
- Reagents

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Esco Ultra-Low Temperature Freezer



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Esco Ultra-Low Temperature Freezer



-50°C to -86°C



KEY FEATURES:

Sample Safety and Integrity

- Excellent vial capacity with a minimal footprint
- Excellent triple gasket door seal insulation
- Environment-friendly HFC and HC refrigerants
- Isocide™ antimicrobial powder coating

Performance

- Fast pull-down time
- Low energy consumption
- Extended warm-up time during power failure
- USB interface that allows transfer of temperature data (UUS-B)

OVERVIEW OF MODELS

Lexicon® II ULT Freezer



Silver Controller

Model: UUS-A

- Simple, intuitive operation (LED – 7 segments display)
- Large display of actual temperature
- Clear indication of alarms (audible and visual)
- Available sizes: 363L, 480L, 597L and 714L



UUS-597A--SS



Gold Controller

Model: UUS-B

- LED (7 segments display)
- 4x20 characters LCD Screen
- Large display of actual temperature with a simultaneous display of set temperature and ambient temperature
- USB interface allows transfer of temperature data and the last 20 system events
- Audible and visual alarms
- Available sizes: 363L, 480L, 597L and 714L



UUS-597B--SS

Option of three or five inner door configuration



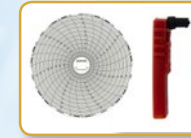
OPTIONS AND ACCESSORIES



Chart Recorder Kit



LCO₂ Back-up System



Temperature Chart and Pen Replacements for 6" Chart Recorder



Ice Scraper



Standard Cardboard 2-inch and 3-inch Boxes



Cryo Safety Gloves



Additional Shelving Kit



Modifiable Clip rack for Lexicon® II



Standard Cardboard 49-cell, 64-cell, 81-cell, and 100-cell Dividers



2-inch and 3-inch Drawer rack for Lexicon® II



SMS Module System (for Gold controller)



Voyager and iRMAP Software Kit