

# Ultra Low Temperature Chest Freezer

The Ultra Low Temperature Chest Freezer is designed for the safe and reliable storage of temperature-sensitive materials. It maintains a consistent ultra-low temperature environment, typically down to  $-86^{\circ}\text{C}$ , making it suitable for storing biological samples, vaccines, pharmaceuticals, and other critical materials.



## Overview

### Reliable Ultra-Low Temperature Storage

The Ultra Low Temperature Chest Freezer is engineered for the secure and consistent storage of highly sensitive biological samples, vaccines, and pharmaceuticals. Designed with high-performance insulation and a robust chest-style architecture, it minimizes cold air loss and ensures thermal stability. This unit is an essential asset for research laboratories, hospitals, and clinical facilities requiring dependable, long-term cold storage solutions.

## Performance

### Operating Temperature

**$-86^{\circ}\text{C}$**

Minimum Temperature

**$-35^{\circ}\text{C}$**

Standard Operating Temperature

### Key Features

Ultra-low temperature stability, High-performance insulation, Energy efficient design, Alarm monitoring system

## Design & Control

### Safety & Monitoring

- Temperature deviation alarm system
- User-friendly temperature adjustment
- Minimal cold air loss design

### Design Type

Chest Freezer

### Control Interface

Integrated digital control panel

## Applications

### Suitable Environments

Laboratories • Research Institutions • Hospitals • Pharmaceutical Facilities