

-86°C Portable ULT Freezer 25 liter

Antech CryoExpress series ultra low temperature portable freezer is compact in size, light in weight, and powerful in cooling. Taking advantages of advanced Stirling cooling technology, CryoExpress series offer wide range accurate temperature control from ambient temperature to -86 °C ultra low temperature, which can be used for transportation of biological sample, cells, vaccine, pharmacy, etc.

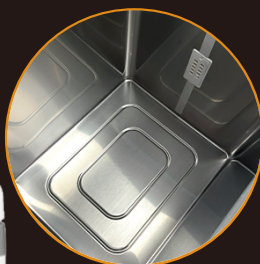
The portable freezer can be powered with 12~24v DC on a moving vehicle or vessel, or by a power bank. By using adapter, CryoExpress series freezer can be powered and charged with 100~240V AC power supply.



► **Ergonomic designed handle**
Easy to hold and remove



► **AC power connection**
With small lid can protect from liquid, dust and others pollutant



► **Liner**
Food grade 304 stainless steel liner



► **DC power connection**
Male-female cord adapter design, make the line link more tightly



► **Microprocessor controller**
Easy to use and set



► **Hinge**
Secure and reliable quality insures the lid open and close freely

Features

- **Precise temperature control**

Fast cooling speed and uniform internal temperature

- **High energy efficiency**

Designed for space and energy efficiency, the ultra-low temperature freezer uses less than 2.8 kWh/day at -80°C

- **Compatible with multiple power sources**

The portable ULT freezer plugs into any 110V–240V outlet, worldwide, and can even run on 12V DC power with an automotive adapter

- **Compact and lightweight design**

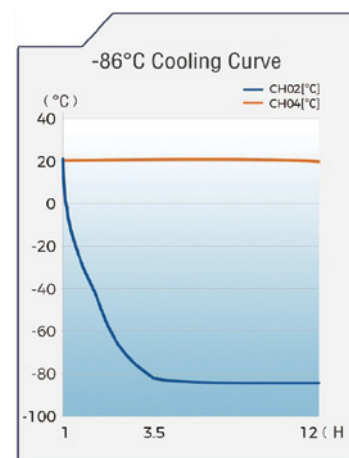
Weighing only 17.5kg, the portable ULT freezer can easily and inexpensively be shipped anywhere in the world

- **User-friendly operation and maintenance**

The operation touch panel is easy to operate and set up

- **Utilizes 100% natural refrigerant, supporting -sustainable and eco-friendly operation**

Use natural refrigerants, which are more environmentally sustainable and eliminate the need for special export shipping classifications



WHY CHOOSE STIRLING COOLING TECHNOLOGY?

The revolutionary ultra-low temperature freezer was equipped with Stirling compressor. The Stirling refrigeration compressor is a mechanical chiller driven by electricity.

With its compact and field-proven, free-piston Stirling engine technology, it brings portable, precisely controlled ULT freezer storage anywhere there is a need for patient care, testing or specimen collection.

Advantages:

- Simplified structure
- Operates without tilt angle restrictions
- Rapid freezing capability
- High efficiency with low energy consumption
- Long lifespan and maintenance-free

-86°C Portable ULT Freezer

Model		MMF-2
Basic	Temperature range	-86 °C to 18 °C
	Climate type	SN/N
	Capacity	25L
	Number of 81/100-place 2" boxes	18
	Cooling type	Free-piston Stirling Engine
	Defrost type	Manual
	Controller	Microprocessor Controller
	Door lock	Yes
	Over temperature alarm	Yes
	Liner material	SUS304
Power	Power supply	100V~240V AC, 50/60 Hz; 12~24V DC
	Rated power	100W
	Power cord	AC adapter & power cord, DC power cord
Weight & size	Net weight	17.5kg
	Gross weight	21kg
	Internal W×D×H (mm)	250×300×300
	External W×D×H (mm)	392×455×616
	Packing W×D×H (mm)	480×530×710