

CryoExpress Series portable ULT freezer

CryoExpress ONE

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, vaccine, pharmacy, etc.

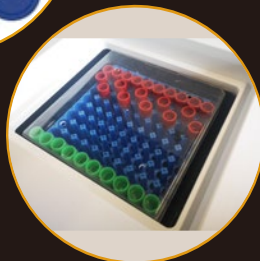
The portable freezer can be powered with 12~24V DC on a moving vehicle or vessel. Since a built-in lithium battery is supplied, it even works for certain time without any external power supply, so that the positive cooling continues from vehicle to freezer at destination.

By using adapter, CryoExpress series freezer can be powered and charged with 100~240V AC power supply.

► Electric door lock (NFC card)



► Space for 100-place cryogenic box



► Advanced Stirling cooling technology



► USB port for data download



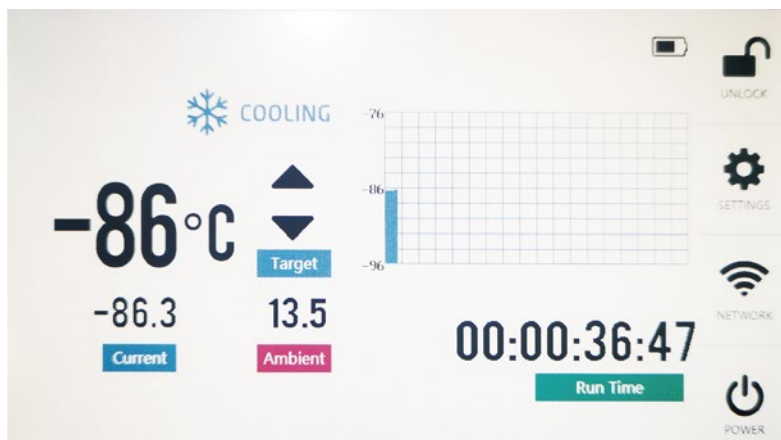
► Built-in lithium battery



► Large handle for convenient movement



Touch screen controller



- Set temperature
- Inner cabin temperature
- Ambient temperature
- Temperature graph
- Running time
- Battery status
- Door lock status
- Settings
- Network status
- Power button

Specification

Model			CryoExpress ONE
Performance	Temperature range	-86°C ~ ambient	
	Climate type	T	
	Cooling system	Free-piston Stirling engine cooler	
	Controller	Touch screen	
	Door lock	NFC electric lock & manual lock	
	Data memory	Temperature record & USB port	
	Insulation	Vacuum insulation panel & polyurethane foam	
Capacity & size	Capacity	1 Liter	
	2ml vials capacity	100 pcs (81/100-place cryogenic box)	
	External dimensions, W x D x H	270 x 311 x 450mm	
	Internal dimensions, W x D x H	150 x 134 x 55mm	
	Net weight	13.5kg	
Power	Power supply	DC 12~24V; AC 100~240V, 50/60Hz	
	Rated power	80W	
	Power cord	AC adapter & power cord, DC power cord	
	Backup battery (standard)	Built-in lithium battery, 1-hour working time	
	Backup battery (optional)	External lithium battery, 4-hour working time	