

CryoExpress Series portable ULT freezer

CryoExpress 10

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.

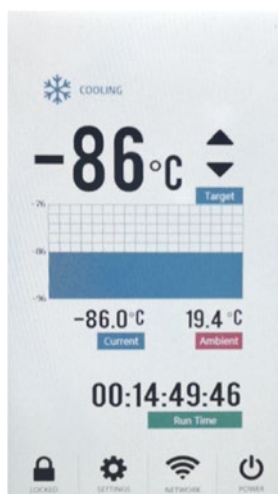
By using adapter, CryoExpress series freezer can be powered and charged with 100~240V AC power supply.



Features

- Advanced Stirling cooling technology
- Accurate temperature control from ambient temperature to -86°C
- 15 Liter large effective capacity, loading 1000+ 2ml vials
- Electric NFC door lock preventing unauthorized access
- Data memory and USB port for data download
- Built-in lithium battery
- Large handle and wheels for convenient movement
- Tough rotational molding cabinet for harsh working environment

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 10
Performance	Temperature range (°C)	-86~8
	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 (liter)	15
	2ml vials capacity	1175
	5ml vials capacity	486
	External dimensions, W x D x H (mm)	620 x 493 x 625
	Internal dimensions, W x D x H (mm)	237 x 296 x 239
	Net weight (kg)	36
Power	Power supply	DC 12~30V; AC 100~240V, 50/60Hz
	Rated power (W)	100
	Backup battery (standard)	Built-in lithium battery, 1-hour working time
	Backup battery (optional)	Built-in lithium battery, 4-hour working time