

# Cryogenic Freezer

Provides a safe, convenient and economical alternative long term storage solution for customers. Cryopreservation refers to the storage of a living organism, cell or tissue ultra-low temperatures.

-150 °C

**LABORATORY FREEZER**



Advanced cooling technology



Precise temp control



Smart controller



Alarms



Ultimate safety

**Axofreeze**



	Model	MF-150H118P	MF-150H258P
<b>Basic</b>	Type	Horizontal	Horizontal
	Cooling method	Direct cooling	Direct cooling
	Cooling system	Cascade	Cascade
	Defrost	Manual	Manual
	Refrigerant type	Mixed	Mixed
	Tem. set(C)	-143	-143
	Tem. range(C)	-125~-150	-125~-150
	Compressor/Fan	SECOP/EBM	SECOP/EBM
<b>Power</b>	Display	Digital	Digital
	Power(W)	1800	2450
	Voltage/frequency(V/Hz)	110-60&220/50	220/50
	Current(A)	110V/18A---220V/9A	13.5A
<b>Materials</b>	Consumption(kwh/24h)	27	43
	Capacity (L)	118	258
	NT./GT. (kg)	165kg/208kg	232kg/292kg
	Internal size (W*D*H) mm	540*400*560	780*500*660
	External size (W*D*H) mm	1275*795*990 (mm)	1510*885*1095(mm)
	Package size (W*D*H) mm	1340*860*1140 (mm)	1570×960×1230(mm)
	Thickness of inner foam layer	150mm	150mm
	Outer door thickness	105mm	105mm
<b>Material</b>	2-inch cryo-box load	48	165
	Outside material	Galvanised steel spraying	Galvanised steel spraying
	Inside material	SUS	SUS
<b>Alarms</b>	Insulation	PURF	PURF
	High/low temperature	Y	Y
	Condenser overheating	N/A	N/A
	Power failure	Y	Y
	Sensor malfunction	Y	Y
	High ambient temperature	N/A	N/A
<b>Accessories</b>	Alarm method	Audible and visual alarm, no remote alarm	Audible and visual alarm, no remote alarm
	Caster	Y	Y
	Test hole	Y	Y
	Inner door	1	2
	Shelf (SUS)	N/A	N/A
	Chart temperature recorder	N/A	N/A
	Door lock	Y	Y
	Handle	Y	Y
	Air pressure balance hole	Y	Y
	Racks and boxes	Optional	Optional
	7inch touch screen	N/A	N/A
	USB interface	N/A	N/A

150 °C

## Temp. Control Technology

## Ultimate safety

The unit has comprehensive protection measures for electrical safety and refrigeration system safety, ensuring the users can use it safely and confidently.

## A Reliable Cryogenic Freezer

Applied for various applications



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	Model	MF-150H239
Basic	Type	Chest
	Cooling method	Direct cooling
	Cooling system	Cascade
	Defrost	Manual
	Refrigerant type	Mixed
	Tem. set(°C)	-145
	Tem. range(°C)	-140~-150
	Compressor/Fan	SECOP/EBM
Power	Display	LCD,7 inches
	Power(W)	2200
	Voltage/frequency(V/Hz)	220V/50Hz
	Current(A)	14.5
Materials	Consumption(kwh/24h)	35
	Capacity (L)	239
	NT./GT. (kg)	380
	Internal size (W*D*H) mm	700*500*625
	External size (W*D*H) mm	1500*860*1055
	Package size (W*D*H) mm	1575*960*1225
Material	Thickness of inner foam layer	150
	Outer door thickness	100
	2-inch cryo-box load	150
	Outside material	Painted steel
Alarms	Inside material	Stainless steel
	Insulation	Polyurethane
	High/low temperature	Y
	Condenser overheating	Y
	Power failure	Y
Accessories	Sensor malfunction	Y
	High ambient temperature	Y
	Alarm method	Audible and visual alarm, no remote alarm
Accessories	Caster	Y
	Test hole	1
	Inner door	2
	Shelf (SUS)	N
	Chart temperature recorder	N
	Door lock	Y
	Handle	Y
	Air pressure balance hole	N/A
	Racks and boxes	Optional
	7inch touch screen	Y
	USB interface	Y
	RS485	Y
VIP	Y	

150°C

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Military Industry



Pharmaceutical



Life science



Biobanking

**Axofreeze**