



The MOLEQULE-ON -86°C freezer is specially designed for a stable ultra low temperature storage condition, to store germs, erythrocytes, leucocytes, viruses and many other biological materials. Installations can be found in research institutes, pharmacy industry, clinical labs, blood banks and laboratories in electronic & chemical plants.

A SAMRT Freezer

- 7" touch screen, easy observation & convenient operation
- checking history temperature curve and alarm record on screen
- Self-diagnostic, automatic check & alarm for key components
- Optional USB port, download data conveniently

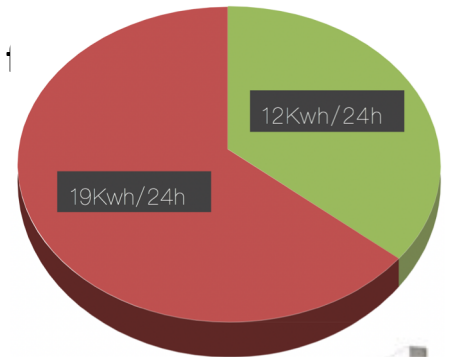


A Green Freezer

- Non greenhouse gas is used, environment friendly freezer.
- Hydrocarbon two compressor cascade cooling system for super low power consumption.

Power consumption of traditional freezer & energy-saving

- energy saving freezer
- traditional freezer



A USER-FRIENDLY Freezer

- SUS304 interior for easy cleaning & rust free
- Document groove to put paper, create a stylish lab
- Optional electric lock for safety and convenient administration
- Maximum sample storage capacity with an optimum footprint
- special noise reduction design, a real quite lab partner



▲ Insulated inner door with latch



▲ SS304 inner door latch



▲ SS304 inner cabinet, figure marked strip and sensor



▲ Protection against Wall



▲ Washable filter



▲ Heavy-duty caster with lock



▲ Testing port



▲ 7-day circular chart recorder is Optional

cooling & Controller	Type	Upright	Electronic parameter	Voltage/Frequency	220V/50Hz	Accessories	Caster	4
	Capacity (L/cu ft)	728\25.70		Power (W)	935		Test hole/Diameter	1/25mm
	Inner doors	2 pcs, SUS304 forming door		Power Consumption (kWh/24h)	13.28		Remote alarm contact	Yes
	Shelves	3 pcs, SUS304	Vials load	2ml Vials (pcs)	50000		RS232/485 port	Yes
	Inner chamber material	SUS304	Size & Weight	Internal (W*D*H) mm	963*558*1350		USB Port	Yes
	Cooling type	Direct cooling		External (W*D*H) mm	1248*975*1995		Temperature recorder	Optional
	Refrigerant	Hydrocarbon, CFC Free, Non greenhouse gas		Packing (W*D*H) mm	1320*970*2185		Freezer racks	Optional
	Noise level (dB)	52		Net/Gross weight (kg)	380/400		CO2 backup system	Optional
Temperature	Ambient temperature (°C)	10~32°C	Alarm System	High/low temperature	Yes	LN2 backup system	Optional	
	Temperature range (°C)	-40~-86°C		Power off failure	Yes			
Cooling & Controller	Cooling	Two compressor		Abnormal voltage	Yes			
	System	cascade system		Sensor error	Yes			
	Compressor Brand	SECOP		Filter screen check	Yes			
	Sensor	PT100		Controller failure	Yes			
	Controller	Microprocessor		Low battery	Yes			
	Display & Control	7" Touch Screen		Condenser malfunction	Yes			
				High ambient temperature	Yes			
				Door ajar	Yes			