

Quality&Precise



MAXWELLON SC25

-86°C/-60°C/-45°C/25L

Portable Ultra Low Temperature Freezer
2024



Maxwellon

SC25 series portable ultra low temperature freezer uses military grade Stirling Cooling Technology. It's a small portable ULT cold storage. This kind of product focused on laboratory ultra-low temperature storage and transportation, Industrial extreme environment simulation test, Pharmaceutical cold chain transportation, Storage and transportation of biological samples, Cold chain science of life, Clinical medicine, Outdoor camping and Household ULT storage.

■ Key Feature

- Wide temperature range (+15°C to -86°C)/Adjustable $\pm 1^{\circ}\text{C}$
- Constant temperature inside (fluctuations within $\pm 1^{\circ}\text{C}$)
- Precise temperature control (TEMP fluctuations within $\pm 1^{\circ}\text{C}$)
- Energy-efficient
- Easy use and operation
- Small size and light weight (17.5KG)
- Access to a variety of power supplies (vehicle power and solar power)
- Utilizes 100% natural refrigerants to support sustainable environmentally friendly operations

■ Specifications

Model	SC2545	SC2560	SC2586
Parameter			
Cooling System	Stirling cooling system		
Storage Volume	25L		
Temperature Range	25°C to -45°C	25°C to -60°C	25°C to -86°C
Refrigerant	Helium (He)		
Performance Data	Ambient temperature is 25°C (Empty Cabinet)		
	Take 1.5 hours from 25°C to -45°C	Take 2.5 hours from 25°C to -60°C	Take 3.5 hours from 25°C to -80°C
Electric Power	100V AC to 240V AC; 50Hz,60Hz; 12V DC to 24V DC		
Steady State Energy	30W	40W	75W
Environmental Conditions	Non-corrosive, Non-flammable, Non-explosive, Altitude up to 2000m		
	Temperature 5°C to 35°C, maximum relative humidity 80%		
Noise	<50dB	<55dB	<55dB
Insulation Liner Materials	SUS304		
Certification	CE/EMC, CE/LVD, CQC		
Interior(LxWxD)	300*250*300mm		
Exterior(LxWxD)	616*392*455mm		
Net Weight, Empty	17.5KG		

Handle:

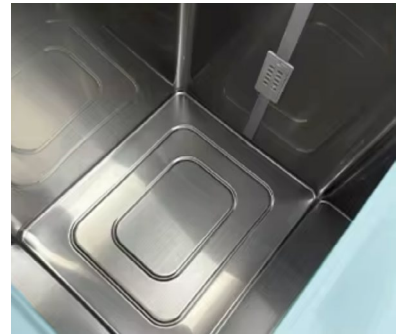
Ergonomic design, Easy to catch and remove

**AC Power Connection:**

Small lid protects from liquid, dust, and pollutants

**Liner:**

Food-grade 304 stainless steel, whole-shaped weld, seamless and smooth surface.

**DC Power Connection:**

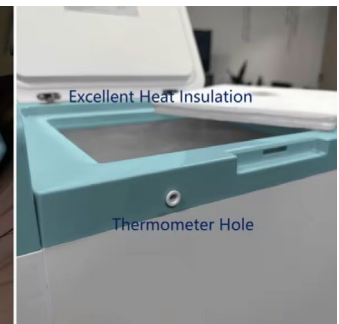
Male-female cord adapter design, make the line link more tightly.

**Touch Panel:**

Easy to use and set

**Hinge:**

Secure and reliable quality insure the lid open and close freely



Order Information



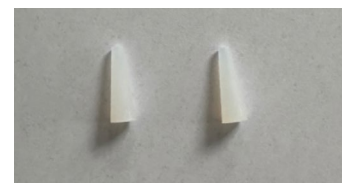
Power Adapter



Car Power Cable



Safety Lock Key



Thermowell Plug



Leak-Proof Cold Cap



Ice Scraper



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