Ultra-Low Temperature Freezer/ -86℃ freezer

Model **MSCEG97X529USWISS** | Brand **Master Science** | Unit **Pc**



Ultra-Low Temperature Freezer

The -86℃ freezer is an ultra-low temperature refrigeration unit designed to maintain extremely low temperatures for the preservation of temperature-sensitive samples and materials. It is widely used in scientific research, medical treatment, and biological engineering applications, providing a reliable environment for long-term sample storage.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Technical Specifications

PARAMETER	SPECIFICATION
Capacity418L	
Shelving3 stainless steel shelves	
Refrigeration TypeDirect refrigeration	
Defrosting TypeManual	
RefrigerantCFC-free mixed refrigerant	
Noise Level60 dB(A)	
Ambient Temperature10℃ ~ 32℃	
Temperature Range-40℃ to -86℃	
EvaporatorBuilt-in copper coil	
CondenserCopper tube with aluminum fins	
SensorPTC100	
ThermostatElectronic	
DisplayLCD	
Power and Materials (Power Supply)110/220V, 50/60Hz	
Power and Materials (Power Consumption)1070W / 1870VA	
Power and Materials (Current)8.5A	
Power and Materials (Internal Material)SS304 stainless steel	
Power and Materials (External Material)Sprayed cold-rolled steel	

PARAMETER	SPECIFICATION
Power and Materials (Insulation)	Foamed polyurethane with cyclopentane
Alarms and Interface (Interface)	RS485 (optional), USB port
Alarms and Interface (Door)	Lockable outer door with 2 inner doors
Alarms and Interface (Temperature Test Port)	1 port, diameter 30mm
Dimensions and Weight (Internal Dimensions (W x D x H))	602 x 614 x 1152 mm
Dimensions and Weight (Net Weight)	316 kg
Dimensions and Weight (Gross Weight)	346 kg
Alarms and Interface (Alarm System)	High/low temperature, power failure, thermostat fault, and door switch alarms with both audible and visual indicators

The MSCEG97X529USWISS ultra-low temperature freezer offers robust design, precise temperature control, and extensive safety features, ideal for demanding scientific and medical applications.