

-40°C Ultra Low Temperature Deep Freezer

DS-40L525



Product Overview

Suitable for hospitals, blood banks, scientific research institutions, electronic lab and chemical lab, bioengineering as well as in the electronics and chemical industry.

Construction

- Inner made of electro galvanized steel with antimicrobial coating to prevent microbial growth.
- Exterior of powder coated galvanized steel.

MAIN FEATURE

- CFC- free technology
- CFC free refrigerant – R 290
- Electronic temperature controller
- Safety door lock
- Malfunction alarm
- LED lighting design
- Optional: Wireless temperature monitoring kit with SMS notification system

Temperature Control System

- Microcomputer control, digital display of internal
- temperature accurate to 0.1°C, adjustable internal
- temperature -20 to -40°C

Safety

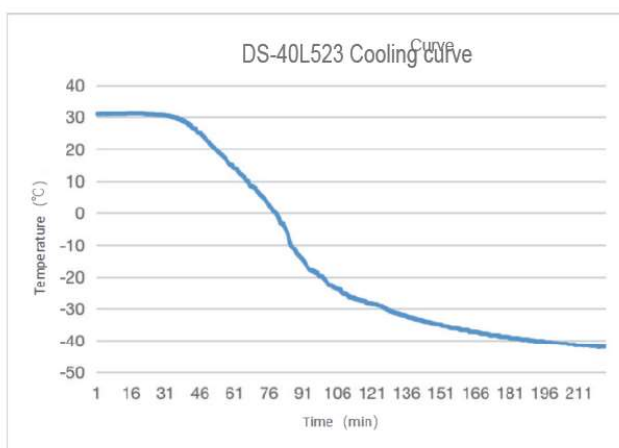
- Various fault alarms: High/low temperature alarm, sensor fault alarm, open door alarm, power failure alarm, battery under voltage alarm etc
- Double door, 100mm thick insulation layer, double seal inside and outside
- Thermal insulation

Refrigeration

- Fluoride-free refrigerant, green and environment friendly

Ergonomic design

- Wide voltage design, 10 separate drawers, universal wheels and fixed feet, door frame heated.



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	Model No	DS-40L525
Basic	Cabinet Type	Vertical
	Basket	6/4
	Lock with key	Yes
	Thermometer hole design	Yes
Technical Parameter	Door	2
	Cooling Type	Direct Cooling
	Refrigerant	R404a
	Ground Clearance (mm)	100/128
	Automatic/manual defrost	Manual
	Power	310W
	Noise Level(db)	52
Temperature	Ambient temperature in which the freezer operates	10°C~32°C
	Temperature Range (C)	-20~-40°C
Controller	Temperature Controller	Electronic temperature controller
	Ambient temperature display	Yes
	Sensor Type	PT100/PT1000
Electronic parameter	Voltage / Frequency	220V/50Hz
	Capacity (L)	525
Size	Net/Gross Weight(Kg)	175/195 kg
	Outer Size (W*D*H)mm	945*861*1900mm
	Inner Size (W*D*H)mm	684*612*1184mm
Alarm features	High low temperature alarm-Buzzer alarm	Yes
	High low temperature alarm-Light alarm	Yes
	Sensor malfunction alarm-Buzzer alarm	Yes
	Sensor malfunction alarm-Light alarm	Yes
	Open the door alarm-Buzzer alarm	Yes
	Open the door alarm-Light alarm	Yes
	Power failure alarm-Buzzer alarm	Yes
	Power failure alarm-Light alarm	Yes
Connectivity	USB connection	Yes
	Battery backup for alarms (approx.72 hrs)	72 hours of power failure alarm, display the actual temperature in the box
	Direct download of logged data on USB memory stick	Yes
	The control panel locking	Yes
Utility & certificates	Castor	Universal wheels
	Adjustable legs	2
	Certification	ISO 9001, CE Certified, FDA, IEC 60601-1 & IEC 61010-1