

Portable Freezer Cooler

SHINYEI

DEEP FREEZER

SC-DF25

The SHINYEI DEEP FREEZER SC-DF25 is a portable size cooler/freezer utilizing a new generation FPSC (Free Piston Stirling Cooler) cooling system. The temperature can be set between 10°C and -40°C, at 1°C increments.

Features

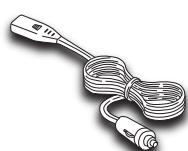
- Uses Helium as ozone-safe refrigerant, making the Deep Freezer environmentally friendly.
- Light portable design with performance to cool to -40°C temperature.
- Temperature resolution of 1°C.



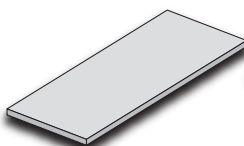
-40°C

Specification

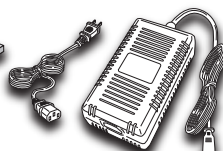
■ Model	SC-DF25
■ Input Voltage	12VDC
■ Power Consumption	48W (4A)
■ Preset Temp. Range	-40 ~ 10°C (at operating ambient temperature of 25°C)
■ Operating Temp. Range	0 ~ 35°C
■ Capacity	25 ℓ
■ Size	695(W) × 350(D) × 460(H)mm
■ Inside Dimension	335(W) × 225(D) × 340(H)mm
■ Weight	approx. 15kg
■ Accessory	(See below)



▲DC Power Cord x1

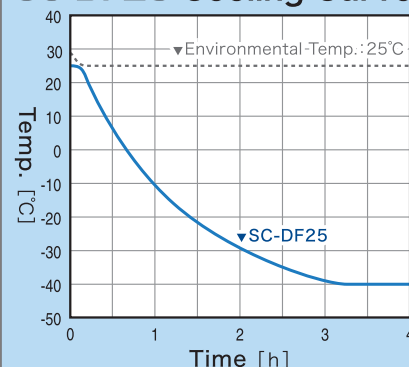


▲Mat x1



▲AC Adaptor x1

SC-DF25 Cooling Curve



Test Condition:
The point of measuring temp.: The center of Box.
The Box inside is empty

FPSC
Free Piston Stirling Cooler

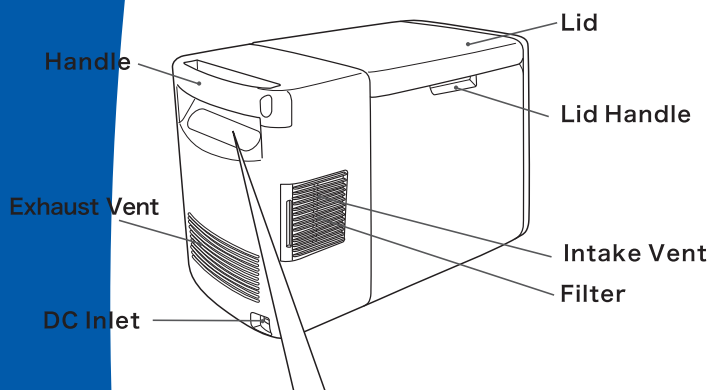
-40°C

DEEP FREEZER SC-DF25

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SHINYEI

■ Name of component and function



Front



Side

Setting Button:

Allows operator to view current temperature setting on Temperature Display Panel.
Accepts the operator set temperature after setting the desired temperature with the Temperature Control Buttons.

Temperature Display Panel:

Displays current temperature within the freezer.

Power Indicator:

Illuminates during operation.

Power Switch:

Hold down button for one second to shut down.

The LED Indicator:

Flashes when setting mode is active.

Status Indicator:

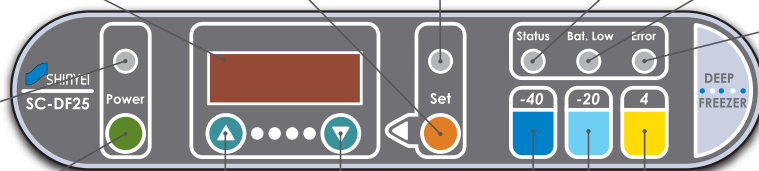
Indicator light stays illuminated.

Low Battery Indicator

Error Indicator

Preset Button:

Allows operator to select the preset temperatures of -40°C, -20°C and 4°C at the single touch of the selected temperature.



■ Application Example

- Cold Storage / Freezing
- Low Temperature Test Chamber
- Cold Logistic

