-80 Deep Freezer IG-DF Series





FEATURES & SPECIFICATIONS

DESCRIPTION

The deep freezer refrigerator is used for scientific research, low temperature test of special materials and storage of Samples. It is specially used for scientific research, electronics, chemical industry, military, livestock system, academic lad, bioengineering, trans-ocean fishing corporation, etc.

FEATURES

Precise temp. control system:

Fully programmable microprocessor controlled, LED screen with -40 °C -80 °C adjustable, Platinum resistance temp. Sensor Read ability: I OC, easily to operation

🕸 Safety:

Safety door lock and controller setting password to prevent unauthorized access. Visual and audible alarm system: High/low temperature, power failure, sensor error, door ajar Power failure protection: Turn on delay of the cooling system after power failure.

Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when controller or two sensors failed. CFC-FREE, HCFC-FREE non-flammable refrigerants, and energy efficient & hermetically sealed cascade refrigeration system.

Refrigeration system:

Germany SECOP compressor Germany EBM cooling fan Germany DANFOSS dry filter Germany DANFOSS condensing system

Humanized Design:

Adjustable shelves Document box Booster handles Lockable

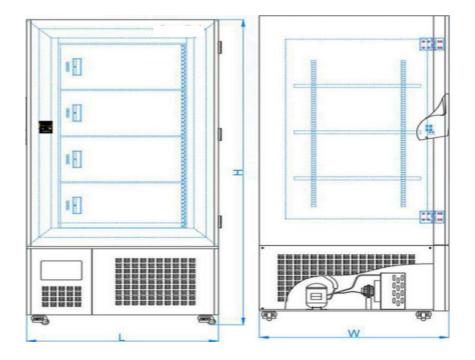
Optional:

Build-in back-up battery to display temperature and power alarm system for up to 8 hours without AC power auto on, off LED light with manual switch on control panel .USB recorder, UPS light, SMS Remote alarms.



SPECIFICATIONS

Model no.	IG-80DF
Volume	500Liter
Temperature	-40 TO -80°C with 1°C increments
Insulation thickness	Vacuum Insulation panel with 150mm thickness
Cooling type	Direct cooling
electric protection	I/B
Refrigerant	Mixed
Interior dimension	609x685x1193mm
Exterior body	Tough, powder coated finish on heavy steel gauge.
Interior body	Stainless steel 304 grade
Shelves	4nos of Compartments
	• 4nos of adjustable height (stainless steel shelves)
Consumption	9.8kW. h/24h
Power	1000W
Power supply	230 Volts ± 10% 50Hz
Climate class	Ν
Alarm type	Sound/ light
Exterior dimension	855x965x1865mm
Package dimension	960x1030x2030mm
Net weight	205kg
Gross weight	255kg
Optional function	Printer & recorder





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