



# Ultra Low Plasma Freezer



SaiLab Equipment's **Ultra Low Plasma Freezer** can hold up to 900 plasma bags. A non-CFC refrigerator system sounds the alarm when there is a temperature variation. The unit comes with a Castrol Wheel for ease of movement. A wire mesh is provided with an adjustable partition. The **Plasma freezer** can control plasma bags at temperatures as low as  $-80^{\circ}\text{C}$ . With a sturdy design and robust structure of 304 grade stainless steel and outer body mild sheet duly powder coated, SaiLab Equipment's **Plasma freezer** also comes with password-protected keypad locks. It has a temperature display backup for 12 hours in case of power failure.

## KEY FEATURES

- Freezer available to store Plasma Bags from 90 bags to 300 bags.
- Inner made of SS304 Stainless steel and outer body Mild sheet duly powder coated.
- Outer door is coated with special material from inner side to prevent temperature to pass from the chamber to the door, to prevent ice formation on the inner side of the door.
- SS304 Wire mesh basket with adjustable partition.
- Temperature  $-80^{\circ}\text{C}$ . Accuracy  $\pm 3^{\circ}\text{C}$
- Temperature controller – Dual display of Set and Process Value.
- Audio Visual Alarm for high and low temperature variation with Door open.
- Non- CFC Refrigerator System with Dual compressor.
- 7 days Circular Chart Recorder.
- Castrol Wheel provided for easy movement of the unit.

## TEMPERATURE CONTROL

- Dual Display controller for Set and process value.
- Operating temperature  $-80^{\circ}\text{C}$ .
- PT 100 (RTD) sensor.
- PUF insulated door to prevent loss of temperature.
- SS PUF insulated inner door to prevent loss of temperature.

## OPTIONAL ACCESSORIES

- Temperature Display backup for 12hrs in case of power failure.
- Single / Multi Data logging system with RS 485 Port.
- Inbuilt stabilizer.



### SAFETY FEATURES

- Lockable doors for added safety.
- 180 sec compressor “on” delay timer to safeguard the compressor.
- Password protected keypad locks.
- Door Alarm.
- Temperature variation alarm as user defined.

### DOCUMENTATION

- Calibration certificate with supporting documents.
- User Manual.
- Warranty certificate.

### AVAILABLE CAPACITY

Model No	Inner Dimension H x W x D	Plasma Bag Capacity	Volume
SUPF - 09	52 x 42 x 42	75	90 Liters
SUPF - 18	75 x 50 x 50	135	180 Liters
SUPF - 25	85 x 56 x 56	190	250 Liters
SUPF - 30	80 x 62 x 62	245	300 Liters

