

# PLASMA FREEZER(-40°C)



Krew Instrument's Plasma Freezer (-40°C) is a reliable and efficient solution for the storage of plasma samples. With a temperature range of -40°C, it ensures the safe preservation of valuable specimens for research and medical purposes. The freezer is equipped with advanced features such as a digital temperature display and an alarm system to alert users in case of any temperature fluctuations. Its compact design and energy-efficient operation make it a space-saving and cost-effective option for laboratories, clinics, and hospitals.

## KEY FEATURES

- Temperature : -40°C
- Capacity of 90 Liters to 300 liters
- 7 Days Chart Recorder
- CFC free gas and high density PUF Insulation.
- Heavy duty castor wheels for easy mobility
- Micro Controller based Temperature Controller
- Refrigeration system with CFC free Danfoss Compressor
- Audio -Visual alarm if the temperature deviates.
- Power Supply : 220-230 V, 50Hz

## SAFETY STANDARDS

- Lockable door for added safety of samples & materials.
- 180 seconds compressor ON' delay timer to safeguard the compressor.
- Adjustable stainless steel Trays.
- High and low Alarm in case the inside temperature overshoots the preset value.

## CONSTRUCTION FEATURES

- Standard Model: Inner stainless steel (304) 0.8mm thickness and outer mild steel, 1.0mm thickness powder coated.

## TEMPERATURE SPECIFICATION

- Temperature range - 40°C
- Temperature accuracy-  $\pm 2^{\circ}\text{C}$
- Uniformity -  $\pm 3^{\circ}\text{C}$

## TEMPERATURE CONTROL

- Operating temperature -40°C.
- Motor and blower arrangement to have uniformity of temperature in loaded condition.

## DOCUMENTS

- Calibration certificate with supporting document of NABL Certificate (Govt. of India).
- User manual
- Warranty card

## OPTIONAL ACCESSORIES

- Data Logger
- Compartments/ partitions : Vertical partitions with individual doors front opening
- Suitable Stabilizer
- Two independent freezer cabinets with single control system.
- Safety features : High/ low temp alarm, Power failure alarm, Remote alarm contact, Breaker switch turns power off in event of over current abnormality
- Battery Backup (Only for Controller)

## AVAILABLE CAPACITY

Model No	Size (H x W x D) in CMS	Capacity (in litres)	Approx No. of 350ml bags	No. of Trays
KPF-10	55 x 42 x 44	100	75	2
KPF-11	75 x 50 x 55	200	140	3
KPF-12	80 x 62 x 62	300	245	4
KPF-13	100 x 58 x 61	400	300	4
KPF-14	100 x 65 x 70	450	375	5
KPF-15	110 x 75 x 75	600	450	5



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