

ULTRA LOW DEEP FREEZER (-80°C)



Krew Instrument's **Ultra Low Deep Freezer** is an essential component for laboratories that require ultra-low temperature storage. Our Ultra Low Deep Freezer maintains a stable temperature range of -80°C, ensuring the safe storage of valuable specimens, reagents, and other temperature-sensitive materials. With a user-friendly interface and advanced temperature control, our Ultra Low Deep Freezer provides a reliable and efficient storage solution for laboratories of all sizes. Our Ultra Low Deep Freezer features adjustable shelves, LED lighting, and a variety of customizable options to meet your specific needs.

KEY FEATURES

- Temperature : -80° C
- Capacity of 90 Liters to 400 Liters
- CFC free gas and high density PUF Insulation.
- Purported Stainless Steel heavy duty Trays
- Heavy duty castor wheels for easy mobility
- Micro Controller based Temperature Controller
- Eco – Friendly refrigerator system with time delay
- Audio – Visual alarm if the temperature deviates.
- Power Supply : 220-230 V, 50Hz

CONSTRUCTION FEATURES

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

GMP Model: Inner stainless steel (304) 0.8mm thickness and outer Stainless steel, 1.0mm thickness Mirror Finish.

TEMPERATURE SPECIFICATION

- Temperature range -80°C
- Temperature accuracy- $\pm 2^{\circ}\text{C}$
- Uniformity - $\pm 2^{\circ}\text{C}$

TEMPERATURE CONTROL

- Operating temperature -80°C.
- Motor and blower arrangement to have uniformity of temperature in loaded condition.

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.

DOCUMENTS

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

OPTIONAL ACCESSORIES

- Seven Days Chart Recorder
- Data Logger
- Compartments/ partitions : Vertical partitions with individual doors front opening
- Suitable Stabilizer
- Two independent freezer cabinets with single control system.
- Safety features : 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 cm	Capacity (Liters)	No of Trays (Adjustable)
KULF - 10	52 x 42 x 42	90	2
KULF - 11	75 x 50 x 50	180	3
KULF - 12	85 x 55 x 55	250	4
KULF - 13	105 x 58 x 50	300	4
KULF - 14	105 x 60 x 65	400	5



 **Krew Instruments Pvt Ltd.**

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