

Ultra Low -86°C Deep Freezer

Ultra low-temperature freezers are available in the working range of up to -80°C and -40°C for hospitals, blood banks, research institutes, vaccine storage, etc.

FEATURES

- ❖ **LaboSys**TM Ultra-Low temperature Freezer offers an economical solution to a wide variety of research and storage applications such as low-temperature scientific experiments, preservation of red blood cells, white blood cells, skin, bone, bacteria, semen, biomedical product, ocean product, electronic devices and low-temperature testing of special materials. It is suitable for blood banks, hospitals, sanitation, and anti-epidemic stations, electronic industries, university laboratories, military industries, pelagic fishery companies.
- ❖ Outer body made of CRC Sheet duly powder coated.
- ❖ Inner Chamber and trays made of Stainless Steel (SS-304 grade).
- ❖ Extra thick insulation effectively reduces the loss of cold air.
- ❖ Fitted with Microprocessor Based Digital Temperature Indicator-cum-Controller.
- ❖ Inside temperature ranging from -40°C ~ -86°C can be set freely. (continuous working -80°C in AC Room)
- ❖ Digital temperature display.
- ❖ Casters wheel mounted for easy mobility.
- ❖ Cooling coils are placed between foamed-in-place PUF insulation and the inner side of stainless steel chamber eliminating any chances of FROST FORMATION on the evaporator which leads to choking of COMPRESSOR/ CONDENSING UNIT.
- ❖ Useful for low-temperature quick freezing and storing of Vaccines, Biological and medical specimens, Blood Components and general laboratory freezing applications.
- ❖ Evenly spread evaporator accounts for higher temperature uniformities throughout the cooling chamber
- ❖ ECO-FRIENDLY COMPRESSOR with CFC-FREE refrigerant.
- ❖ Power supply: 220V/50Hz, Single Phase.



Model No.
UTD-300L-2020

Technical Specifications & Ordering Informations

MODEL	CAPACITY	VOLUME
#ULT-400	400 ltrs	14.2 Cuft
#ULT-600	600 ltrs	21.4 Cuft

DESCRIPTION

- ❖ Temperature range (in AC Room): -40°C ~ -86°C (continuous working -80°C in AC Room)
- ❖ MOC Outer: CRC Sheet duly powder coated.
- ❖ MOC Inner: Chamber and trays made of Stainless Sheet (SS-304)
- ❖ Insulation: High Density PUF insulation for tighter temperature controls.
- ❖ Temperature Control: Microprocessor based Digital Temperature Indicator-cum-Controller.
- ❖ Display: Digital LED Set value (SV) & Process value (PV)
- ❖ Circular Chart Recorder to cost extra.
- ❖ Power back-up, in event of power failure for continuous display of chamber temperature.

Design, Manufactured and Marketed by:

LUXLIGHTING TECHNOLOGY PRIVATE LIMITED
An ISO 13485:2016 Certified Company for Medical Device Quality Management System

