



GENIST
Leading Medical Advancement

LABORATORY REFRIGERATORS & FREEZERS



एन एस आई सी
NSIC
ISO 9001 : 2008



DEEP FREEZER

MODEL NO.: GTP-003

CONSTRUCTION AND SALIENT FEATURES

- ▶ GTPL provides Deep Freezer chest types with different capacities, frozen and canned door locked.
- ▶ Electronic controls and digital alarm Equipment designed for Research Laboratories.
- ▶ Inner Chamber of Stainless-Steel Outer GI Powder Coat finish or S. Steel is extremely efficient insulation, sufficiently thick to minimize heat loss.
- ▶ Chest type available Horizontal/Vertical Version Inner Stainless-Steel door to avoid temperature loss.
- ▶ Deep Freezer: ambient to -20°C to -86°C.
- ▶ Thermostat/Digital Controller.
- ▶ MP (Micro) Digital Temperature Controller cum Indicator.
- ▶ Temperature receiving time: Depend upon capacity & temperature range.
- ▶ Acrylic door provided.



INSTRUCTIONS

- ▶ To be stored in A.C. Rooms & Use of AVS/Servo Controlled Voltage Stabilizer is strongly recommended.
- ▶ Inner Chamber is made of G.I. sheets and is insulated with high density expanded polyurethane (PUF) insulation for minimum temperature loss. Outer M.S./G.I. Sheet body pretreated & duly powder coated.
- ▶ Audio/Visual alarm provided for a rise in temperature.
- ▶ CFC & HCFC Free.
- ▶ Castor wheels for the case of mobility.
- ▶ Refrigeration system and electrical circuit easily serviceable.
- ▶ Suitable to work on 220- 240V, Single Phase, 50 HZ, AC supply.

CAPACITY

INTERNAL SIZE (HXWXD) CM	CAPACITY (LITERS)	TRAYS
50X50X40	100LITERS	2
70X60X40	170 LITERS	2
60X60X60	200 LITERS	2
80X60X60	285 LITERS	2
90X60X60	325 LITERS	3

Rest available in all size depends upon customer Requirements.

MORTUARY CHAMBER

MODEL NO. : GTM-001

DESCRIPTION

GENIST TECHNOCRACY PVT LTD is the leading company in Biomedical Equipment Since 2004. We are Provided best Quality Products all over India & Aboard. We are one of the leading manufacturer and supplier of Medical & Bio-Medical Equipment that meet the Quality standards of various Quality Assurance Laboratories and Research & development Establishments.

DESCRIPTION

Capacity: 2, 3, 4, 6, 8, 12 etc.
(Dead Body Storage Capacity according to requirement).

MATERIAL OF CONSTRUCTION

- Double-walled cooling units.
- Corrosion-free interior and exterior.
- Inner & Outer body of the mortuary chamber is constructed out of thick S.S. 304 sheets.

INSULATION

100mm gap between the walls filled high-grade poly urethane insulation, which ensures maximum thermal efficiency.

ALARM SYSTEM

Audio visual alarm for high and low temperatures.

BODYTRAYS

Sturdy, proper loading body trays, with sturdy telescopic castors and castor-locks to prevent rolling out of the tray.

SILENT FEATURES

- Designed for long storage of cadaverous.
- Washable interiors with a channel for water outlet that can be plugged with rodent resistant material.
- Vapor proof lamp inside.
- Energy-efficient and sturdy construction
- Lightweight, Reliable, Low maintenance



DOOR TYPE

- ▶ Door sturdy chrome plate hinges and fitted with hard chrome plated lubricated latches for the opening of the door. Individual standard key lock for each.
- ▶ Doors will be fitted with high-quality triple point neoprene rubber gaskets for airtight fittings and magnetic closure fittings and lock.
- ▶ The doors are made of galvanized steel sheets, lined with stainless steel for extra protection and long life.

GASKET

All the doors are fitted with high-quality neoprene rubber gaskets for airtight fittings with very sturdy casters.

COMPRESSOR

CFC free compressors conforming to the latest international standards and guidelines.

CASTER WHEELS

Mobile with brakes for castor wheels.

SAFETY FEATURES

- ▶ Audiovisual alarm for high and low temperature.
- ▶ Automatic defrosting system.
- ▶ Noise levels-less than 60 Db.

POWER SUPPLY

- ▶ Power input to be 220 - 240 VAC, 50 Hz, and suitable stabilizer (4kVA or higher).
- ▶ Battery back-up on display for 0 to 4 hrs. in case of power failure.
- ▶ Fitted with Indian plug.

TEMPERATURE & DISPLAY

- ▶ Microprocessor-based temperature control.
- ▶ Temp range +2 to +8°C.
- ▶ Digital LED display. Touch-pad data entry for adjustable temperature and alarm settings.
- ▶ PUF insulation.
- ▶ High-end ultra-mute CFC-free hermetically sealed compressors conforming to latest international standards and guidelines.
- ▶ Efficient condenser with an automatic evaporating system (condensate).
- ▶ Forced air circulation system.
- ▶ The unit shall be capable of operating of 30-40 deg C and relative humidity of 15-90 %.
- ▶ The unit shall be capable of being stored continuously in ambient temperature of 10-50°C and relative humidity of 15 -90 %.

STANDARDS, SAFETY, AND TRAINING

We are an ISO, GMP, CE, OHSAS, IEC, EN 1789 Standards Certified Company with strict quality control measures conforming to National and International Standards.



BLOOD BANK REFRIGERATOR

MODEL NO.: GTP-001

APPLICATION

Blood Bank Refrigerators are available in various capacities, designed to fit a variety of space and storage requirements. The refrigerators are equipped with heavy-duty compressors to maintain a virtual operation temperature of 4.0°C Superior refrigeration technology and precise temperature control to ensures reliable blood storage.

SALIENT FEATURES

- ▶ Blood bank refrigerator with digital temperature controller (Deluxe Model) blood bank refrigerators are the most versatile unit for blood bank, specially designed for this purpose.
- ▶ It is available in various capacities for storing the blood bags/bottles in an automatically controlled temperature of 2°C to 6°C. Temperature ranges of 2-6°C are also maintained.
- ▶ The height of the equipment could also be adjusted. Forced air circulation ensures a uniform temperature.
- ▶ We offer a comprehensive range of high precision and superior quality blood bank equipment that helps in the entire process of blood collection.
- ▶ The range is actually very comprehensive and includes all the instruments and equipment that are required in the blood collection process like, blood bank refrigerator, tube sealer manual, donor couch, tube sealer electronic, blood collection monitor and plasma extractor come with Proper alarm system, a door opened alarm is one of the features.
- ▶ Proper lighting, especially of the inside chamber's facilities, are provided.

CONSTRUCTION

- ▶ External body is made STAINLESS STEEL sheet, duly pre-treated and is finished with a powder-coated paint for a lasting finish.
- ▶ Cast Wheels provided for easy mobility. The inner chamber is made of high-quality stainless steel, highly polished STAINLESS STEEL. Trays are provided.
- ▶ For accommodating blood bottles or blood bags. Cooling System: - Cooling is achieved by a highly efficient Refrigeration system using a hermetically sealed compressor and other Parts.
- ▶ Two doors are provided Inner door is of clean acrylic sheet glass for easy viewing inside the chamber.
- ▶ Outer door is duly insulated for proper sealing from external environment and is lockable.





TEMPERATURE CONTROL

The temperature inside the chamber is maintained automatically by electronic digital temp. Controller-cum-indicator. An audiovisual alarm system is incorporated with battery backup in case of mains failure or temperature variation beyond permitted Tolerance or door opening to prevent the spoilage of stored blood Bags. Inside illumination is provided for visibility of bags kept Inside the chamber.

Control Panel: All controls such as digital temperature Controller-cum indicator, mains switches, indicating lights, battery Check switch, Audio visual alarm, & voltmeter are easily accessible.

Power Supply: Suitable to work on 220 V, 50Hz, AC supply.

Optional Accessories: Weekly temperature Voltage stabilizer - 3 KVA / 4 KVA

GENERAL FEATURES

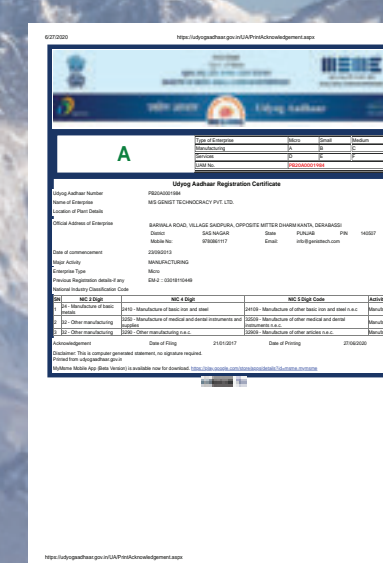
- ▶ Solid-state electronic temperature controller; pre-set for +4°C operation.
- ▶ Microprocessor TI 00-1 alarm/monitor system with digital temperature display resolution to 0.1°C.
- ▶ Three on-board test functions to verify system readiness.
- ▶ Built-in electronic 7-day circular chart temperature recorder, standard, for a permanent record of operating temperature.
Dual air circulating fans for maximum temperature uniformity throughout the cabinet.
- ▶ Fluorescent interior lighting with on/off switch.

CAPACITY

CAPACITY (LITRES)	OUTER CHAMBER
40 LITERS	24 BAGS
85 LITERS	50 BAGS
165 LITERS	10 BAGS
215 LITERS	200 BAGS
280 LITERS	250 BAGS
400 LITERS	360 BAGS

Our Certifications

We Believe that the way to the summit passes through high-quality and reliable manufacturing.





CONTACT US



Sales Offices:

Village Malakpur, Handesra Road,
Lalru. District SAS Nagar Mohali,
Punjab 140501

SALES DEPARTMENT



Sales: (+91) 9780019119
Central Zone: (+91) 9888533119
North Zone: (+91) 9888166119



sales@genisttech.com
sales.southzone@genisttech.com
sales.centralzone@genisttech.com
sales.northzone@genisttech.com

SERVICE DEPARTMENT



Service: (+91) 8544844119
North Zone: (+91) 9888766119
South Zone: (+91) 9888255119
Central Zone: (+91) 9888155119



service@genisttech.com
northzone.service@genisttech.com
southzone.service@genisttech.com
centralzone.service@genisttech.com



www.genisttechnocracy.com