



REFRIGERATORS & FREEZERS

**A reliable name for scientific equipment for Industrial,
Laboratory, Research, Medical and Educational Establishments.**



INDEX

1} Ice Lined Refrigerator

2} Blood Bank Refrigerator

3} Laboratory Refrigerator

4} Plasma Freezer

5} Vertical Freezer

6} Cold Room

Ice Lined Refrigerator

Such refrigerator is used to carry vaccines, medicines and blood bags. Once temperature is reached this refrigerator is able to hold the temperature over 20 to 25 hours without power supply, hence it is useful for medical facilities in remote areas and carrying medicines.

About:

- We are offering our clients with an excellent quality Ice Lined Refrigerators For Vaccine Storage.
- These are widely demanded in clinics, hospitals, blood banks, research institutes etc. and are ideal for storing vaccines.



Key Features

Of Ice Lined Refrigerator



Temperature Range	2 to 8°C
Temperature Display	LCD
Temp. Control	Microprocessor Based
Temp. Holding Time	24 Hours from 2 to 8 degrees
Construction	Triple Walled
Outer Body	Mild Steel with epoxy powder coating
Inner Chamber	Stainless Steel
Baskets	SS wire mesh baskets
Insulation	75 mm thick puff insulation
Sub Door	Made of 8 mm thick acrylic
Compressor	Hermetically sealed with CFC free refrigerant
Supply	220 volts AC

CONTACT:

-  Plot No. 6 - Ekta Vihar, Ambala Cantt.133001
-  Mobile No.: 8295732110, 7056732110
-  Sales@labsolutionindia.com
-  Labsolutionindia.com



GeM
Government
e Marketplace
OEM Regd



Blood Bank Refrigerator

The blood bank refrigerator is an essential piece of equipment in the immunohematology department and provides safe and convenient storage of whole blood, blood components (e.g., blood cells, plasma), and reagents. Blood bank refrigerators ensure freshness and integrity of blood and blood components. Our Blood Bank Refrigerators meet strict requirements for storage of whole blood and blood components and feature microprocessor control, simplified push-button alarm test functions and reliable, field-proven refrigeration systems.

Features

- Microprocessor based temperature controller
- Touch Screen Display
- In built Data Storage
- Sensor: PT 100
- USB Interface for Data Logging
- Menu Driven soft touch keys
- Audio Visual Alarm
- Door Open Detection
- Real Time Clock
- Battery Back up for temperature display
- Auto Defrost Setting



Key Features

Of Blood Bank Refrigerator



Catalogue No.	LSI-BBI-BBR-T50
Outer Body	Powder Coated Mild Steel
Inner Chamber	Medical Grade stainless Steel
Inner Drawers	Wire mesh Stainless Steel Sliding type
Temperature Range	2-8 degrees
Accuracy	100 Ltrs.
Chamber Volume	44 x 40 x 62 Cms
Inner Size	Touch Screen
Display	7 Kgs.
Control	PID
On Screen Data	Yes
In Built Storage	Yes
On Screen Graph	Yes
Data Download	Through USB in Excel format
No. Of Baskets	Two
Blood Bags @	60x350 ml.
Operating Voltage	220 volts AC

CONTACT:

 Plot No. 6 - Ekta Vihar, Ambala Cantt.133001

 Mobile No.: 8295732110, 7056732110

 Sales@labsolutionindia.com

 Labsolutionindia.com



GeM
Government
e Marketplace
OEM Regd



LABORATORY REFRIGERATOR

We are affianced in offering Laboratory Refrigerators with counter height and high capacity. Offered refrigerators are broadly acknowledged by our patrons as they provide utmost storage space for reagents, vaccines and other critical samples. Sturdy construction, proper cooling and long life are some of the unique attributes.

These laboratory refrigerators are chosen worldwide for their reliability, accurate temperature control, security benefits and usability. As expected from Bionics Scientific a leading laboratory refrigerator manufacturer in India, the refrigeration system is environment friendly and only CFC free compressors that are virtually noiseless in nature used in these systems. High grade PUF insulation minimizes heat loss.

Key Features :

- Inner body made up of medical grade compression molded plastic
- Automatic defrost for frost free operation
- Uniform temperature with forced air circulation
- Clear product visibility with glass door
- Adjustable coated wire mesh shelves
- A range of sizes are available from 50 litres to 1000 litres or more with either single or double outer doors.



Specification

Of Laboratory Refrigerator



Capacity	400 Liters
Temperature Range	2 to 8 Degree Celsius
Product Dimensions (WDH)	610 x 584 x 1981
Number of Trays	4
Door Type	Vertical Door
Controller	PID Controller
Refrigerant	HFC (CFC-Free)
Construction	Exterior Powder Coated Mild Steel / SS (Optional) Interior Stainless Steel
Insulation	PUF insulation
Power Supply	230 V, 50 Hz

CONTACT:

-  Plot No. 6 - Ekta Vihar, Ambala Cantt.133001
-  Mobile No.: 8295732110, 7056732110
-  Sales@labsolutionindia.com
-  Labsolutionindia.com



GeM
Government
e Marketplace
OEM Regd



PLASMA FREEZER

Lab Solution India is the one of the best manufacturer and seller of Plasma freezer in India. The deep plasma Freezers available in a variety of configurations with temperature range from -20 to -86 degree C. Various sizes and configuration are available for different application, Ultra Deep Plasma freezer is available in Touch Screen and Advance LED Configuration. Our plasma freezer are manufactured from special alloy steel CRCA powder coated and bacteria resistant. The Inner body is made up of stainless steel 304. The Blood Plasma Freezers are widely used in Blood Bank and research centres for conservation of plasma and blood derivatives.

The Plasma Freezer is produced using CFC and HCFC free Eco friendly gases. Temperature range from -20°C to -86°C with micro controller based PLC controller. There is a digital display of set value and process value of various parameters like temperature and alarms.

01 > 02 > 03 > 04 > 05

The cabinet of freezer is insulated with high density CFC free PUFF insulation and vacuum insulated panels.

Interior chamber is manufactured using corrosion resistant stainless Steel 304 with minimum 0.8 mm thick.

The exterior cabinet is manufactured with Anti Bacteria Blue Pure Polyester powder coated 1.0 mm thick CRCA Aircraft alloy Steel.

Stainless steel SS304 fabricated trays are provided for storage inside.

The Blood plasma deep freezer are provided with handle and lock for safety and security. The door has magnetic gasket inside.



Key Features Of Plasma Freezer



Refrigeration-

Our plasma freezer has Heavy duty air cooled refrigeration system.

-86 degree Plasma Freezers works on cascade refrigeration system

Non-CFC and HCFC refrigerant is used.

There is Automatic evaporation of condensate and auto defrost system

Auto Defrost cycle is controlled with PLC Controller to maintain constant temperature


Temp Controller-

Our Blood plasma freezer comes with Touch Screen and Advance Led controller as option. Both are micro processor based PLC system with 12 types of Audio Visual Alarm.

- Audio Visual Alarm when the door is opened
- Audio Visual Alarm when temperature deviates from preset temperature
- Chart Recorder
- 7 days circular Chart recorder is provided for blood bank with USB and data logger

CONTACT:

 Plot No. 6 - Ekta Vihar, Ambala Cantt.133001

 Mobile No.: 8295732110, 7056732110

 Sales@labsolutionindia.com

 Labsolutionindia.com



GeM
Government
e Marketplace
OEM Regd



VERTICAL FREEZER

Our Freezers are in conformity with all requirements of industry for economic way to create Temperature below or around freezing point to suit various standards application in the field of, science & research for storage & testing in biology, anatomy, chemistry & in many other fields, for industry & science.

Specifications:

Behavior tests for material & equipments i.e., Electric motors, gears, electrical & electronic parts, cables, plastic material, rubber, oil & grease etc.

Shock tests for metals & other materials for the cold - shrinking of building elements, e.g. Shafts, Bolts, Gear wheels, Bearings etc. for the hardening of materials in order to achieve better toughness or hardness.



Key Features Of Vertical Freezer



Temperature range: 0 to 10 degrees.

Digital PID controller with graphic display, audio visual alarm on temp. Deviation Temp. Sensor.

PT 100 Sensor mounted inside the chamber suspended in air.

Inner Chamber: Made of stainless steel 304 quality duly polished. The working chamber is completely free for use.

Outer Chamber: The outer housing is made of galvanized steel sheet powder coated or complete Stainless Steel.

Cooling : Cooling attained through copper tube evaporator and circulated through centrifugal blower.

Condenser Coil: The Heat Exchanger coil is air-cooled condenser, arranged on right / bottom in Equipment.

Refrigerant: CFC free refrigerant.

Insulation: Polyurethane foam "PUF".

Door: Double Door system with Inner Glass door to avoid temperature loss.

Power Source: Electrical supply 220 volts single phase AC.

Caster: Two fixed & two swiveling.

CONTACT:

 Plot No. 6 - Ekta Vihar, Ambala Cantt.133001

 Mobile No.: 8295732110, 7056732110

 Sales@labsolutionindia.com

 Labsolutionindia.com



GeM
Government
e Marketplace
OEM Regd



Cold Room

Cold Rooms are designed to control temperature and humidity. They can be used for the growth of cells and organism storage but can also be used for general chemistry and biology. They typically are prefabricated metal boxes that have closed air circulation.

About:

EVAPORATING UNIT

Capacities:

- +ve temperature Evaporating Unit: 6000-80000 BTU/hr
- Medium temperature Evaporating Unit: 12000-35000 BTU/hr
- -ve temperature Evaporating Unit: 6000-24000 BTU/hr

Features:

- Stainless Steel Body for enhanced durability and strength.
- Removable side panels for easy service and minimum down time.
- Inner grooved copper tube for superior heat transfer.
- Defrost heater within the coil in low and medium temperature units to ensure total defrost.

CONDENSING UNIT

Capacities:

- +ve temperature Condensing Unit: 6000-80000 BTU/hr
- -ve temperature Condensing Unit: 6000-55000 BTU/hr

Features:

- Energy-efficient compressors
- Pre-charged unit with service valves
- Powder coated body makes these units UV and corrosion-resistant
- Weather-proof polyester powder coated canopy



Specifications: Of Cold Room



Size: 8'x8'x8'

Insulation: Puff

Cyclopentane PUF panels with TSCC design having wall to wall panel cam locks only.

chiller room puff panels are in 60mm(PP/PP).

Flooring of the room is with puff-slabs, then bitumen & tar felt then kota stone under customer scope.

Standard A S controller cum indicator shall be provided with cold room.

Blue star make standard refrigeration unit with cubical SS 304 body evaporator & air cooled Hermetic.

condensing units for the cold room.

Surface: Powder Coated GI Sheets.

Insulation: 60 mm with Insulated door.

Arrangement of internal illumination.

Number of Cooling units: 2

Hermetically sealed compressor.

Fitted with Digital Control Panel.

CONTACT:



Plot No. 6 - Ekta Vihar, Ambala Cantt.133001



Mobile No.: 8295732110, 7056732110



Sales@labsolutionindia.com



Labsolutionindia.com



GeM
Government
e Marketplace
OEM Regd





Address: Plot No. 6 - Ekta Vihar, Ambala Cantt. 133001



GeM
Government
e Marketplace
OEM Regd



A reliable name for scientific equipment providers for industrial, Laboratory, Research & Educational establishments



Mobile No.: 8295732110, 7056732114 Email Id: sales@labsolutionindia.com
Website: www.labsolutionindia.com