



**ESTEEM INDUSTRIES INC.**



## **ESTEEM MORTUARY CHAMBERS**



### **ESTM102 ESTEEM MORTUARY CHAMBERS**

Mortuary storage system is designed for storing cadaverous under cool condition to prevent decomposition. The latest development in Mortuary technology offering vast space advantage over the conventional type together with greater hygiene Useful for Hospitals, Railways & Airports Double-walled with mild steel/pre fabricated panels for out surface and stainless steel inner chamber with insulation between. Front opening, hinged insulated doors lined with magnetic gasket, handle and lock arrangement with keys in duplicate individual dead bodies. Trays to carry dead bodies with handles both ends, travel on rollers fitted for easy movement. Extra surface inchemically treated, antitrust coated and duly with powder coated paint. To avoid any moving part insid cabinet, for easier maintenance and cleaning refrigeration un kept outside the chamber and fixed at rear. Temperature of 2°C +5°C is maintained by hermetically sealed refrigerator compressor unit and is controlled by an automatic electronic solid st digital temperature controller cum indicator Temperature controller is mounted on front panel, provided on fro top, along with pilot lamp, main switch etc. Supplied complete with trays, cord and plug. Suitable to work on 220 V, single phase, 50 Hz, Ac supply.

Our mortuary chambers are made of corrosion free metal components with advance poly urethane insulation ensuring maximum thermal efficiency and durability. We specialize in both standard and customized models of mortuary chamber specially designed to meet various special requirements of our customers across India and abroad.. Over a short period of time Esteem have been established as a leading exporters of mortuary chambers in India, catering to South Asian, African And European Markets. Beside the regular exports we are also catering to our domestic market and are suppliers of our mortuary chambers to various army installations, central and state police units, Para military establishments, government, semi government and private hospitals and morgues etc.

#### **SALIENT FEATURES:**

- Corrosion free exterior and interior
- Designed for long storage of cadaverous
- Environmental friendly CFC free cooling
- Special design ensuring best hygiene
- Special loading trolley
- Digital temperature indication
- Micro processor based temperature control
- Audio visual alarm for high and low temperature
- PUF insulation
- Reliabl
- Energy Efficient
- Sturdy Construction
- Low Maintenance
- Light Weight

### **CONSTRUCTION DETAILS:**

Esteem mortuary chamber is double walled cooled units. Outer body of our mortuary chambers are constructed out of thick steel/ aluminum sheets, painted with long lasting stove enamel or elegantly powder coated.. The inner chamber is made of heavy gauge stainless steel sheet of SS-304 grade or anodized aluminum sheet or G.I. (as per the customer's requirements). The 100 mm gap between the walls is filled high grade poly urethane insulation, which ensures maximum thermal efficiency.

### **OUTER PANELS:**

The outer panels of all our mortuary chambers are made of galvanized sheets having a superior bacteria resistance film coating for greater hygiene.

### **INTERIOR CONSTRUCTION:**

The interior of our morgue chambers are constructed of high grade stainless steel sheets of grade ss-304, thus making it easier to clean and ensure greater stability and life.

### **DOOR:**

The doors are connected by very sturdy chrome plate hinges and fitted with hard chrome plated lubricated latches for opening the door. The doors are made of galvanized steel sheets, lined with stainless steel for extra protection and long life. All the doors are fitted with high quality neoprene rubber gaskets for air tight fittings.

### **FLOOR:**

The floor of our mortuary chambers are constructed out of hardened and reinforced steel sheets containing spills for easy cleaning and hygiene.

### **CASTORS:**

The unit is provided with very sturdy castors.

#### **INDIVIDUAL LOCKS:**

All the chambers of the mortuary freezers are provided with individual multi channel lock for safety and security.

#### **COOLING:**

An energy efficient cooling unit is installed in our mortuary chambers. We use ISI marked high end CFC free compressors of Kirloskar/Tecumseh make, conforming to latest international standards and guidelines.

#### **TEMPERATURE RANGE:**

Temperature range of our standard mortuary chamber models are 2o c to 8o c. / -15o c to +10o c. However we have the capacity to modify the same to suit the individual specialized requirements of our customers.(The above given temperature could be achieved too)

#### **TEMPERATURE CONTROL:**

The temperature inside our mortuary chamber is controlled through programmable micro-processor based temperature controller cum indicator.

#### **TEMPERATURE SENSITIVITY:**

Temperature inside our chamber are controlled with a sensitivity of + 1o c or better.

#### **AUDIO VISUAL TEMPERATURE ALARM:**

An audio visual temperature alarm is provided in the unit for protection during temperature fluctuations.

#### **ILLUMINATION:**

Our mortuary chamber are provided with door operated illumination system comprising of fluorescent lights,

#### **FRONT PANEL:**

Front panel of our units comprises of on/off switches cooling and mains indicator lamps, temperature controllers and voltmeters.

**TECHNICAL MATRIX FOR MORTUARY CHAMBER:  
TEMPERATURE CONTROL**

Temperature Sensitivity  $\pm$  °C, 1 or better

Spatial Deviation In Temperature  $\pm$  °C, 1 or better

Readability °C, 0..1

Temperature range °C, 2°C to 8°C /-15°C 8°C (Standard)

Temperature Sensor, PT-100

Temperature Controller, Solid State digital Controller/PID

Display, optional

Adjustable alarm limits, LED/LCD

Water quality, Optional With PID controller only

**SAFETY THERMOSTATS, Distilled/Ionized**

Temperature variation Adjustments

Temperature Sensors, 3 (With PID Controllers only)

Automatic temperature setting, PT-100

Adjustable limits, Yes (With PID Controllers only)

**CONDENSER**, Efficient condenser with automati

Air Circulation, evaporating system (condensate

Refrigerant: **Lux**, Forced

Light intensity (Both Sides): **Lux**, R134A Non CFC

**ACCESSORIES** , As Desired (optional feature)

de-icing module,

Program (Real Time), **OPTIONAL**

Data Acquisition Program, **OPTIONAL**

Serial Port (Printer): **RS232C**, **OPTIONAL**

Inspection window in door

Water reservoir: **Liters**, **OPTIONAL**

### **CAPACITY, 18 LTRS**

Standard

Internal Dimensions: mm, 1/2/3/4/6//8/10

Maximum Permitted load per shelf: kg, Model Specific

Maximum Permitted total load: kg, 155 Kg

### **ACCESSORIES**

Printer Report Program

2 x 24 characters LCD Display, **OPTIONAL**

Access Port 30 mm, **OPTIONAL**

Castors, lockable, **OPTIONAL**

### **POWER CONSUMPTION, YES**

Nominal power : W

Nominal voltage:V, 950-1450

Frequency:HZ, 220-230 Volts, 50 Hz Single Phase

## DATA ACQUISITION AND CONTROL SYSTEM FOR MORTUARY CHAMBER



This is unique module which can be incorporated with our mortuary chambers to log in temperature and environment related data with a help of a data logger unit which has a pc connectivity by means of RS 232 C interface. This data is then analyzed and formatted with the help of our unique user friendly analysis software to enable the user to get a formatted and analyzed reports of various inputs during the full operation cycle of the equipment. This is an ideal module for pharmaceutical laboratories, process control applications and high research projects where maintaining a viable record of the performance of the equipment is very essential.

### FEATURES:

- Our system incorporates multiple Devices such as in line process Indicators, environment scanners and temperature or humidity controllers.
- Provides Astech cable for direct interface to any dot matrix or laser printer for online or offline data records printing.
- It has Bulk data storage capacity with high data retention life.
- Facility to obtain nicely formatted print out of the logged data or records with proper headers.
- Our system provided facility to program recording interval with various options to suit individual requirements.
- It is provided with the feature to adjust or select baud rate for any serial communication port.
- Our system is provided with user friendly custom developed software which obtains and analyze the data and facilitates the user to generate reports and graphs etc.

## PAYMENT TERMS :

### PAYMENT TERMS COMMON FOR ALL THE ABOVE MENTIONED MODELS

#### PAYMENT TERMS :

##### Who are our Bankers and what are our Banking particulars?

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##### Our Bankers are:

Union Bank Of India,  
SCF-3, Sector 21-C, Chandigarh,  
UT, INDIA.  
SWIFT CODE: UBININBBCHA

##### Esteem Industries INC. A/C No.: 398905010050309

May you like to Transfer Payment (T/T) to us, then depending upon the currency of remittance kindly choose one of the following methods:

##### **PAYMENT PROCEDURE FOR USD \$**

**PAYMENT PROCEDURE** : For making SWIFT Transfer payment of US\$ \_\_\_\_\_, please give the following information to your bank:

##### **Intermediary Banks:**

1. Citibank. New York ,Swift code: CITIUS33
2. Bank of America. New York, Swift code: BOFAUS3N
3. Bank of New York. New York, Swift code: IRUTUS3N
4. Standard Chartered Bank. New York, Swift code: SCBLUS33
5. JP Morgan Chase Bank. New York, Swift code: CHASUS33
6. American Express Bank. New York, Swift code: AEIBUS33

##### **Beneficiary Bank:**

Union Bank Of India,  
SCF-3, Sector 21-C, Chandigarh,  
UT, INDIA.  
Swift Code: UBININBBCHA  
Beneficiary: Esteem Industries INC

##### **Account No. 398905010050309**

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

##### **PAYMENT PROCEDURE FOR GBP £**

**PAYMENT PROCEDURE** : For making payment of Sterling Pound £\_\_\_\_\_, please give the following information to your bank:

**Intermediary Banks:**

1. National Westminster Bank. London, Swift code: NWBKGB2L
2. HSBC London (Midlands), Swift code: MIDLGB22

Beneficiary Bank: Union Bank Of India,  
SCF-3, Sector 21-C, Chandigarh,  
UT, INDIA.

Swift Code: UBININBBCHA  
Beneficiary: **Esteem Industries INC**

**Account No. 398905010050309**

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

**PAYMENT PROCEDURE FOR EURO**

PAYMENT PROCEDURE : For making payment of Euro\_\_\_\_\_, please give the following information to your bank:

**Intermediary Bank:**

1. Commerz Bank Dusseldorf Germany, Swift code: COBADEDD
2. Bank commercial Italiana, Swift code: BCITITMM
3. Societe Generale Paris, Swift code: SOGEFRPP
4. ABN Amro Bank. Amsterdam, Swift code: ABNANL2A

Beneficiary Bank: Union Bank Of India,  
SCF-3, Sector 21-C, Chandigarh,  
UT, INDIA.

Swift Code: UBININBBCHA  
Beneficiary: **Esteem Industries INC**  
Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

Note: Please make sure we are INFORMED before and after sending any payment to our Bank Account.

**E-MAIL : [INFO@ESTEEM.IND.IN](mailto:INFO@ESTEEM.IND.IN)**

