

**Product Name :**  
Laboratory Cooling Equipment Supplier**Product Code :**  
ALABS-A26-003**Description :****Laboratory Cooling Equipment Supplier Specifications**

Most sold Mortuary Freezer, precise temp controller, CFC-free Volume: 1/2/3/4/6 corpses Stainless steel

The corpse cold storage and freezing box /corpse cabinet is a series of product for hospital, funeral parlor, and postmortem examination department to store the corpse.

**Precise Temperature Control System**

- The worldwide famous high-accuracy computer-controlled temperature system with original binding can maintain the temperature constancy in the box at  $3\pm 2^{\circ}\text{C}$  precisely. The temperature set-value can be adjusted at  $-16^{\circ}\text{C}\sim 6^{\circ}\text{C}$ , and the temperature display precision is  $0.1^{\circ}\text{C}$ , the resolution is  $0.1^{\circ}\text{C}$  and the adjusting increment is  $0.1^{\circ}\text{C}$ . The value is to be displayed through three-digital high-brightness figure.

- The system has special high-resolution temperature calibrating function. That means the set-value figure can be displayed and calibrated at  $-10.0\sim 10.0^{\circ}\text{C}$ . The calibrating increment is  $0.1^{\circ}\text{C}$ .

- The forced cold-air circulation system with intelligence-control fan can ensure the temperature uniformity inside the box.

### **(Optional)**

#### **24-Hours Tracing, Recording and Printing System**

- The imported temperature recording and printing system; there are four precise temperature sensors (two sensors for some systems) inside the box and two temperature indicators outside the box, which are to display the temperature of upper and lower point, for users to supervise the temperature at each operating states in the box. The display precision–resolution is 0.1°C.
- The distinguished power-off memory function can hold and store huge temperature data and information permanently.
- The temperature printing has password protection function, which can prevent illegally printing of the temperature fluctuation information.
- 5-ways alarm system: including 2 sound alarm devices with 220V power supply, 2 light alarm devices with 220V power supply and one remote signal alarm apparatus (optional), consisting the super complementary supervision system.
- The data management software is available for one or more temperature signals changes
- Communicate with PC through RS-232 interface to examine the temperature curve diagnosis diagram of one or more refrigerators and display the data sheet. The data and images can be stored, inquired and printed (Optional).

#### **Safe Control System**

- Keyboard lock, password protection function, and method against missing-adjustment of the operating parameter;
- Setting of the alarm temperature range

- 7 system failure alarms (high temperature alarm, low temperature alarm, sensors failure alarm, door-opening alarm, electricity failure alarm, low back-up battery alarm, low voltage alarm).
- Code display of the failure position (some machines have all these seven alarms)
- Three alarm ways (buzzer alarm, flashing alarm, remote signal alarm)
- The starting delay function due to self-checking and the interval protection function between temporary stop and start can ensure the reliable operation
- The system can record the condition of the maximum and the minimum temperature inside the box automatically without recording paper.
- With the specially designed function, the system can operate under the state of sensor failure or the state of numerical disturbance safely and automatically.
- The operating parameter display function can ensure that the system is under supervision by operator and with security and stability.
- Equipped with remote alarm interface;
- The distinguished operating parameter of the temperature control system can separate the operator menu from the supervisor menu, which can locate the respective responsibility of the operating parameter and the article storage.
- The inbuilt lithium accumulator can keep displaying the temperature inside the box and can keep the light and sound alarm available for 72 hours after electricity failure.

#### **Optional Items:**

- The EPS emergency supply is adoptable;

- The DC24V-AC220V inverter is adoptable, and the DC24V power supply can keep the refrigerator under normal operation.

- Refrigeration System

### **Humanization Design**

- The interior and exterior shell of the refrigerator are made of high-quality stainless steel with high corrosion resistance and beautiful and luxury appearance.

- The insulating layer is made of imported polyurethane foam materials with high thermal retardation against cold loss.

- Adopt the high-quality gel strip for door gasket with strong ageing resistance ability, which can lengthen the service life of the door gasket.

- The number of the independent imported low temperature refrigeration system is same as the number of the corpse in one refrigerator, and each refrigeration system's temperature range can be adjusted individually, and the temperature of each chamber is independent.

- The bottom side of the corpse tray has many rows of small roller wheel for moving the tray easily.

- The internal and external shells of the refrigerator are made of high-quality stainless steel materials.

- Copper vaporizer cooling pipeline can guarantee the ultra-long service life.

- The refrigeration system of each chamber is individually controlled, and the temperature can be adjusted without interference.

- The safe lock design can prevent missing-opening.

- Wide voltage band is available for 187-242V voltage.



## Equipments Exporters

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