Please read the manual carefully before use

ELECTROTHERMAL BLAST DRYER

Instruction manual

Craftsmanship and consistent quality

BECAREFUL

As our productinnovation,as the upgrading of products may have certain parls and the instructions are not consistent,refer to the actual product please understanding

Vertical drying oven



Front and rear double door drying oven



1、Operation and use of instruments

Emperature setting method:

Press ▲ key to increase the set temperature, press ⮌ key to reduce the set temperature.Holding time setting: Long press the function key for 3-5 seconds, the upper row displays ST, the lower row is the holding time setting, by pressing the ▲ key or key to modify this value, the unit is minutes, if the timing time is set O, then turn off the timing function, the device has been constant temperature. The timing function can only assist workers in field operations and cannot be used in completely unsupervised occasions to avoid accidents in the event of failure.

Control parameter function

Display character	name	Instructions	Set range	Factory default
AL	AL	Alarm value	gamut	10
ST	ST	Timing time	Set 000 has no timing function	0
LCK	LCK	Keyboard lock	0 ~ 9999	0

2、Scope of application

For factories and mining enterprises, colleges and universities, scientific research and all kinds of laboratories and other articles drying, baking, waxing, sterilization.

3、结构概述

202, 101 series air drying box (hereinafter referred to as drying box). The drying box consists of three parts: box, electric heating blast system and temperature control system. The box is composed of an inner cavity (studio) and an outer box shell. The box shell adopts high-quality steel plate surface spray treatment, which is beautiful and generous. The studio is made of stainless steel plate or galvanized plate; The height of the shelf made of stainless steel wire is adjustable, and 2 pieces are attached to the factory (the user needs to add another order). Fill with thermal insulation foam between the inner and outer shells for heat insulation layer. There is a large area of double-layer tempered glass inspection window on the door, which can clearly observe the heated and dry items in the box.

The temperature control system is composed of temperature control instrument, power tube and temperature sensor.

4、Vertical drying box model and parameters

Model number	101-0	101-00	101-1	101-2	101-3	101-4	101-5	101-6	101-7	101-8
Supply voltage	220V 50HZ					380V 50HZ				
Temperature control range	RT+10℃~250℃		RT+10℃~300℃						RT+10℃~250℃	
Temperature fluctuation	±1%℃									
Input power (W)	500	800	1300	1600	2000	4000	6000	8000	13000	17000
Timing range	1-99:59									
Studio size m	250x250x250	350x350x350	350x450x450	450x550x550	500x600x750	800x800x1000	1200x800x1000	1000x1000x1200	1200x1000x14000	130x120x140
shelf	2block									There is no

5、Models and parameters of front and rear double-door drying oven

Model number	202-0	101-0	101-00	101-1	101-2	101-3	101-4	101-5	101-6
Supply voltage	220V 50HZ						380V 50HZ		
Temperature control range	RT+10℃~250℃		RT+10℃~300℃						
Temperature fluctuation	±1%℃								
Input power (W)	500	500	800	2000	3000	4000	6000	6000	8000
Timing range	1-99:59								
Studio size m	250x250x250	250x250x250	350x350x350	350x450x450	450x550x550	500x600x750	800x800x1000	1200x800x1000	1000x1000x1200
shelf	2block								

Note:

1, B is stainless steel inner liner, A is galvanized inner liner.

2. The above data are measured when the ambient temperature is 25℃ and the relative temperature is not more than 85%.

3, RT refers to the ambient temperature.

6、Conditions of use

1, ambient temperature: 5℃~40℃;

2, air relative humidity: not more than 85%;

3, Power supply AC220V ± 22V, frequency 50HZ ± 1HZ,101-4, 101-5, 101-6, 101-7, 101-8 type 380V (three-phase four-wire);

4, there is no corrosive gas around, no strong vibration source and strong electromagnetic field.

7、Usage method

1. Put the items that need to be dried into the drying oven, and there should be some space around the upper and lower sides to keep the air flow in the working room, and close the door.

2. Turn on the power supply and fan switch. At this time, the power indicator is on, the motor is running, the temperature controller shows that after the "self-test" process, the PV screen should show the measured temperature in the working room, the SV screen should show the set temperature that needs to be dried in use, and the drying oven will enter the working state.

3. After drying, if you need to continue to replace dry goods, turn off the fan switch before opening the door to replace the dry products to prevent the dry things from blowing off. After replacing the dry goods, close the door and then open the fan switch to make the drying box enter the drying process again; If you do not take out the items immediately, you should first blow off the air, and then turn off the power switch to keep the box dry; If you do not want to continue to dry items, turn off the power switch, after the studio cool to room temperature, take out the dry items in the box, dry the room.(Note: when taking out dry things, be careful of burns)

8、Precautions

1, 101-4/5/6/7/8 type 380V power supply, three phase four wire (three fire zero);2, the drying box shell must be good and effectively grounded to ensure safety;

3, the drying box shall not be put into the perishable, flammable, explosive items dry;

4. After drying, it should be placed in a well-ventilated room, without flammable and explosive items around;

5, when the temperature of the drying box studio is close to the set temperature, the heating indicator light is on and off, repeated many times, which is a normal phenomenon. Under normal circumstances, about 30 minutes after the measured temperature reaches the control temperature, the temperature in the working room enters a constant state.

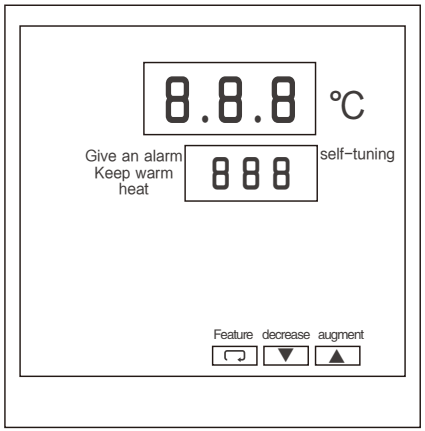
6, when the new set temperature is below 100 degrees, the secondary heating method can eliminate the temperature "overshoot" phenomenon, for example, 50 ° C, the first set 40 ° C, and then set to 50 ° C after the isothermal impulse begins to fall back;

7, when the drying box is working, the fan switch must be turned on to make it run, otherwise the temperature and measurement temperature error in the box is very large, and the motor or sensor will be burned out due to this operation;

8, the inside and outside of the box should be kept clean, long-term should not be covered with plastic dust cover, placed in a dry environment indoor;

9, drying box can not be used in completely unsupervised occasions, timing function can only assist workers to work on site to avoid accidents when failure.

9、Panel name and functions



Panel description	Content description
Upper panel display	The actual temperature in the oven
Bottom display	Set the temperature value or time
Temperature indicator light	Temperature deviation in oven, heater heating
Heat preservation light	The temperature in the oven reaches the set temperature
Self-tuning indicator light	PID parameters are being automatically set
▼ decrease	Set value increment key
▲ augment	Set value reduction key
Feature	Parameter setting

10、Common troubleshooting

When the meter shows HHH, check whether the sensor and the connection line are disconnected. When the meter displays LLL, check that the sensor and the connection wire are short-circuited or reversed. When the upper panel of the instrument shows normal, but it is not heated, and the heating indicator is not bright, check whether the set temperature is normal. If the heating indicator is on, check whether there is electricity on the heater. If there is electricity on the heater, the heater is bad. If there is no electricity on the heater, replace the instrument. If there is no display on the instrument, check whether there is 220V power supply on the wiring terminal. If there is no power supply, check whether the external power supply is normal, whether the cable is loose, and whether the fuse is blown. If 220V power is available on the wiring terminals, replace the meter.

Warranty description

Product warranty regulations

1, the warranty service is limited to the normal use of the effective warranty period, due to the quality of the product itself caused by non-human damage failure, by invoice or provide a valid sales stamp receipt or online shopping record, can be used as warranty proof;

2, the customer has no warranty card and purchase invoice, can be guaranteed for 12 months according to the production date of the certificate (except that it can be proved within the warranty period);

3. If the product beyond the warranty period of the certificate needs warranty, the screenshot of the successful online shopping transaction can be provided with the same effect.

In accordance with the three package regulations will enjoy the following three package services

1. If product quality failure occurs within 7 days (inclusive) from the date of purchase, the seller is responsible for free return, replacement or repair; (Complete accessories, unused, does not affect the use of secondary sales, if you can not guarantee the above requirements, you can not enjoy the return, exchange service, please understand the inconvenience)

2, from the date of purchase 7-15 days (inclusive) within the product quality failure, the seller is responsible for free replacement or repair:

3, from the date of purchase 15 days after the failure, in the valid warranty period enjoy free warranty;

4. Others shall be implemented in accordance with the "Three Guarantees Law of the People's Republic of China". Product non-warranty regulations.

Product non-warranty regulations

The following circumstances are not within the scope of the three guarantees

1. The contents on the certificate of three guarantees are inconsistent with the physical identification of the product or altered;

2. Maintenance or replacement of parts due to wear and tear;

3. The repairman who does not undertake repair dismantlement;

4. Damage caused by the failure to operate and maintain according to the requirements of the operating instructions;

5, due to the use of errors such as falling, extrusion, flooding or other irresistible force caused damage;6, the warranty card is not lost, please keep it properly.

Warranty card

Product information (required by retailers)			
Customer's last name		Contact number	
Product model		Date of purchase	
Retailer (stamp)			
Maintenance record 1			
Delivery time		Maintenance unit name (address)	
Product fault description			
Product maintenance status			
Return date		Maintenance signature	
Maintenance record 1			
Delivery time		Maintenance unit name (address)	
Product fault description			
Product maintenance status			
Return date		Maintenance signature	