TEXAS EQUIPMENT

Diesel Oven Instruction



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Summary :

The oven is used to heat or dry the product,it is used widely such the powder coating curing.

The oven heating source is the diesel heating chamber.

The component is : oven body (main component), the heating insulation, outer housing, heater(gas burner chamber with cooling fins etc. After it is turned on, the heat will come out to increase the temperature through the air blower,the air blower can bring the heating to the object in the oven, the whole process is controlled by electrical equipment,thermostat and timing production.

1: Installation and Operation

Burner assembly

Put thermal insulation cotton on the dotted line, and then connect the flange with the heating chamber, and fasten it with screws.



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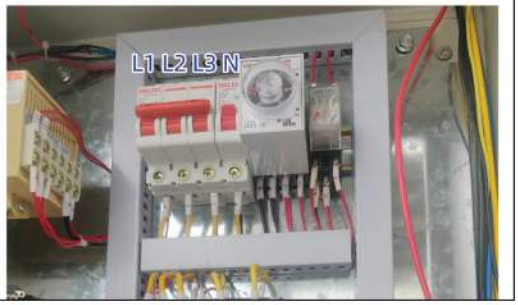
Install the burner interior and connect the fuel tank as shown.

Add No. 0 diesel oil to the tank, with the oil level at least 10 cm above the drain valve





Installation photos:

1.Open the electrical case door with the key	
2. Connect 3pcs live wire (L1 L2 L3)	

3. Zero wire（N）	
4. Setting temperature 180℃	
5.Setting holding time 20 min	
6.Turn on the power	
7. Press the button to start work (green) Note: If the fun work correctly (see the point 9),the oven will work normally,after finishing curing,the bell ring,then cut power,open the door to take out the work piece.For next batch product, put into the work piece then press the green button.	
8.Press the red button to stop work	
9.Walk into the oven,to see blade of the fan on the proof of the oven Note: the blade revolve direction is same with the drawing ,if the direction is not correct,please do according to the point 10.	
10.If the fan blade revolve direction is not correct,please exchange the wire U and V	

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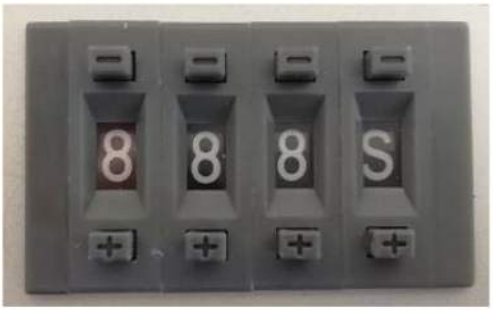
Curing oven time Setting

There are total 4 windows on the time clock ,in the middle of the window,it shows the unit:

The first three windows show the figures.

You can press “+” or “-” to increase and reduce the figures to get the time you want.

	**“S” means “second”**
	**“M”means “minute”**
	**“H”means “hour”**

1.The installation ground must be flat to insure the equipment put on the ground smoothly.

2. Clean the inside of the oven,then close the door.

3. Arrange the object that need to be curing

4.Setting the oven for curing or dry temperature according to the production request.Setting the drying time,open the oven door,push into the work piece,close the door.

5.Turn on the power,press the button to start it(green color),the time is rising.

6.When the temperature reach to the setting grade,the timer work automatically (setting the heating time in advance)

7.When the bell ring,the heating is stopped,open the door,take out the work piece,then push into another batch of work piece,close the door ,press the button to start heating.

8.After finish curing,take out work piece,take them down after cooling.

2: Troubleshooting and cautions:

1）.Do not put the inflammable and explosive goods close to the oven.

2）.Do not block the exhaust pipe,make sure the blower work normally.