

# **Manual Instruction**

## **of**

# **Mug heat transfer machine**

### **Introduction:**

Any photo of the human being or the scenery and color mark can be baked on the mug by using this kind of machine. Operate easily, work continuously and high automatic level. It specially suited to be used in these fields: advertise, gift, drumbeating, and individual products.

### **Features:**

1. Personal design, operated easily, result is perfect!
2. Controlled by the microcomputer, can add the temperature step by step.
3. Silica gel mat make the baking pressure more equal, it won't be distorted until 400°C.
4. Equipped with the platinum thermoelectricity resistance, and the temperature error  $\pm 1^{\circ}\text{C}$ .
5. convenient to adjust the pressure.
6. Mug can be transferred wholly.
7. With thermal controller in the heat mat, only need to adjust the time, temperature will be controller by the microcomputer!
8. Fashion design, exquisite and easy to take.

### **Specification:**

Current Voltage:	220V/ 110V
Power:	250W
Range of the temperature:	0~399°C
Range of time:	1-999 Second
Dimension of the mugs:	diameter 6.5-9cm, Height $\leq 10\text{cm}$ .
Weight:	5KG

### **Required items:**

To transfer the image onto a mug, you need a computer, an inkjet printer, a scanner, sublimation ink, transfer paper, and coating mugs. The ink, paper and the mugs should be special for sublimation, normal items won't be ok!

### **Warning:**

This machine must be connected with ground lines, it can't be turned on without mugs in it, and it must be rested 5 minutes after working one hour! It can't work continuous more than 3 hours! Or else it may cause the machine destroyed or cause fire!

When the machine is in rest, please put a finalize mug (waste mug) in the heat mat to protect the heat mat!

### **Making Process (Please read this before operating the machine)**

1. Print the picture by sublimation ink and inkjet paper, or transfer paper, and cover the picture onto the mugs, (Picture should cover the most of surface in mug to protect it from burnt and pressing scar.) you can use adhesive tape to fix the picture!
2. Put a finalize mug in the heat mat, put down the pressure handle (adjust pressure to right place), press the power button (red), the indicator is lightened.

3. Adjust time to 200-300 second in the time-controller. ( when it is adjusted, no need adjust again
4. Take out the finalize mug, put the mug with the picture in the heat mat. Put down the pressure handle.  
**Note:** pressure couldn't be too much or else the mug will be broken!
5. When time end, buzzer rings. Lift up pressure handle, take out the coating mug (take off the used picture and put it to water a, cool it down to prevent ink's spreading.)  
**Notes:** please lift one corner of the picture first to check if the result is good or not, If the result isn't very good, you can bake it second times or third time! When the machine is in rest, put the finalize mug in it and lift down the handle to protect heat print mad.

## Adjustment:

Time: adjust to right time (200-300 second) in the right-hand time-controller!

Temperature: there is the thermal controller in the heat mat, so you don't need to adjust the temperature now!

### Notes:

1. when you have many mugs to transfer, you should stop machine in 60 minutes. (5 minutes rest is ok)
2. please deduct 40 seconds when you transfer the third mugs, you can test the suitable time yourself!

### Note:

1. When this machine is not used, please put the finalize mug into it and close the pressure handspike to protect the heat mat.
2. If there is a large quantity of mugs to be transferred, the machine needs to stop (five minutes ok) after working 60 minutes. In order to get the successful result, pressure, temperature and time, ink and paper should all available at the same time.
3. All the temperature degree referred in this instruction is centigrade, not Fahrenheit, If you use Fahrenheit, the convert is  $F=9(C-10)/5+50$
4. The temperature of the machine can't exceed more than 300 degree, or else it may be dangerous!

## Trouble Shooting :

Code	Phenomena	Reason	Solving method
1	Light color	Baking time is too short	Increase the baking time
2	Picture is not clear	Baking time is too long to make the printing ink spread	Reduce the baking time
3	The color for parts is light	The pressure is not enough or the coating on the mug is not equal	Add pressure or replace the mug
4	The picture is not clear at the heat mat	Parts of the heat mat has problem	Replace the heat mat
5	Scar over on the picture	Baking time is too long	Reduce the baking time

**Special reminding:** Do Remember Don't Bake This machine Without Mugs Into It, and it can't work more than 3 hours continuously!