Digital Mug Heat Press Machine Instruction

。

①：Control board

②：Power plug

③：Handle

④：Pressure adjuster

⑤：Height adjuster

⑥：Heat Pad

Use caution:

1. The heat pad is the vulnerable part, when you use it, pls pay attention to the maintenance, which is not suitable for spatially heating or long time heating.
2. The pressure should be moderate, not suitable for oversized or excessively small.
3. Heating scope: width, 20cm; height, 7.5～9.5cm
4. Material applicable: coated sylinder staffs can bear temperature of 200℃, such as ceramic coated mugs, metal mugs, and metal bottles, etc.
5. After one hours' working, the mug press must be turned off for a rest, restart it 10 minutes later.

Preparation:

A. Sublimation ink and inkjet paper, which is suitable for ceramic items heat transfer.

B. Determine the side of the paper your printer images to.

C. Mirror the image in your computer software.

Print the design onto the inkjet paper.

Coated mug

Using one small piece of heat seal tape to stick transfer paper on the mug

Place the mug in mug press

Adjust height suitably

Adjust pressure to your requirement

Operation Process:

Step 1. Setting required temperature and time

Turn on the power switch.

Temperature light – ON

Select with arrows temperature required,
(Normally 180℃)
Left arrow select Up.
Right arrow select Down

Press **OK** button after temperature set
now timer light-ON

Select with arrows time required,
(normally 15 seconds)

Press **OK** button again,
The program will stay in memory of the control board
and the temperature starts to rise

Step 2. Heating Transfer

once the temperature rise to the required temperature, (180℃), the buzzer will send out a short sound

Then press **OK** button

now the time is counting down

When the time is up, buzzer sounds again. work finish, take out mug.

Remove the transfer paper from the mug, the vivid picture is already transferred on the mug.

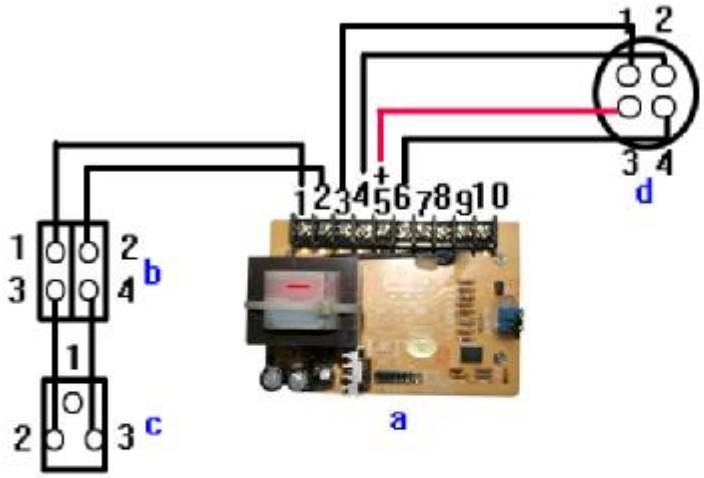
Technical specification

Voltage： 110/220V
Power： 110W
Temperature range： 0-250 degree
Time range： 0-3 minutes

Trouble shooting for transfer quality:

A. If the color is pale: the temperature is too low / the pressure is not correct / or not pressed long enough.
B. If the picture is blurring: Too much tranfer time causes proliferation.
C. If a part of picture is blurring: Heat was not distributed correctly through heat plate. Allow more time between press operations. Pressure distribution can also be the cause, which can be set on the four plate surface adjusters. Please note that it has been factory set and there should be no need to adjust them
D. If the pattern is scarred: Transfer time is too long.
E. The pattern of color is different: the pressure is not correct or the transfer paper is poor quality
F. Adhesive paper: the temperature is too high or poor printing ink

Circuit Diagram



a: PCB

b: Switch

c: Power supply socket

d: Aerial Plug

PCB Definition：

1，2 Electrical source tie-in；

3，4 Radiation pipe tie-in;

5，6 Sensor tie-in;

7，8 Relay output tie-in;

9，10 Relay input tie-in

Maintenance:

Ⅰ. No action after switch on the power

1. Check the plug whether it touchs well
2. Check the fuse whether it have been burn out.
3. Check the lead wire of the switch whether it have been fallen

Ⅱ. The display screen are working well, but the no temperature increasing on the Silica Gel Board

1. Check whether the tie-in of the Silica Gel touches well.
2. Check the 3,4 on PCB in the back box whether it touches well.

Ⅲ. The display screen is un-normal, but the Silica Gel heats.

Maybe for the fault of the PCB

Ⅳ. The display screen and Silica Gel works well, but un-normal show of the temperature.

1. Check whether the tie-in of the Silica Gel touches well.
2. Check the 5, 6 on PCB in the back box whether it touches well.

Advise: 1. Because the material and the thickness of the clothing are different, the temperature and the time are different too.

2. The temperature and the time are only for reference. And pls first try a sample to adjust the best temperature and time.

3. The best setting temperature are 180℃, pls do not over 220℃, and the transferring time should be within 3 minutes.

4. To make sure that the circuit can bear high-power machine, or it will bring about faulty of the fuse etc.