

Digital Plate Heat Press

Instruction



- ①: Handle
- ②: Wire connector
- ③: Heat Pad
- ④: Silicon Gel Pad
- ⑤: Control board



- ⑥: On/Off Switch
- ⑦: Power plug

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: Maximum diameter 12cm
4. Material applicable: coated cylinder staffs can bear temperature of 200°C, such as ceramic coated plates, metal pates, etc.
5. After one hours' working, the plate press must be turned off for a rest, restart it 10 minutes later.

Operate Process:

Step 1. 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, and choose print quality "Best Photo"



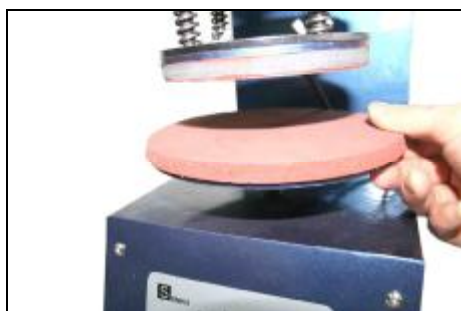
Print out the transfer images



Cut out the picture for transferring
Trim the side of picture



Prepare the plate for transferring



Circumvolve the plate base pad,
and adjust the pressure suitably



Place the plate on the center of base pad



Push down the handle to check if the
pressure is moderate

Step 2. Setting of the Control panel



Turn on the power switch



Temperature light-ON



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



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



Select with arrows time required, **(normally: 120 seconds)**



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

Step 3. Transferring



Once the temperature rise to the required 180°C the buzzer will send out a short sound



Place the transfer ink side down onto plate



Close the plate press handle



Press **OK** button



Now time is counting down

Step 4: Finish the transfer



When the time reaches to the set point, the buzzer sing again. Open the press.



Take out the plate



Remove the transfer paper
Beautiful pictures have been transferring to the plate

Technical Specification

Voltage: 110/220V

Power : 110W

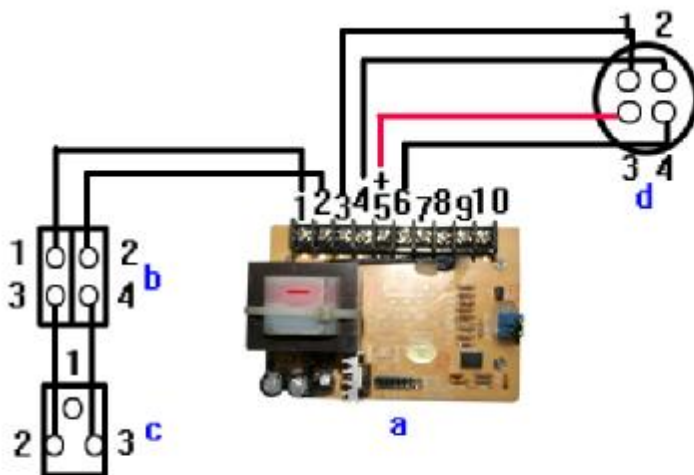
Temperature Range : 0-250°C

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 transfer 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 touches 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.

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- 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°C, pls do not over 220°C, 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.