

# User manual

## Heat Press Machine

# HEAT PRESS MACHINE



## User Manual

### Introduction

A heat press machine is using temperature and pressure with a certain amount of time to transfer images on items, the transfer is permanently embedded into the product.

### Package Contents

- 1 × Heat Press Machine
- 1 × User Manual

## Product Structure



1.Power Switch	4. Handle
2. LCD controller	5. Heating plate
3. Pressure Knob	6. Silicon mat
7. Bottom plate	

## 1. Printing Methods

1. Make sure the power plug is well connected to the wall socket, then press the power switch to turn on.
2. Set the temperature and the time you want ( See the temp&time setting sheet )
3. The buzzer will sound when the temperature reaches the setting temperature, place the object (e.g T-shirt) on press bed, and let the transfer paper upon the object, rotate the the pressure knob to get the right pressure required.
4. Press down the handle (meantime the sound will stop) and starts to transfer.
5. The buzzer will sound again when the scheduled time is up, then lift up the handle, the transfer work is finished.

## 2. Recommended Setting for the Object

SURFACE	PRESS TIME	TEMPERATURE	PRESSURE	TIPS
Fiber/Fabric/Polyster material	35-40 seconds	180°C(400 F)	40 PSI (Medium)	With sublimation paper
Pure cotton material	20-25 seconds	165°C-170°C	40 PSI (Medium)	With transfer paper
Mouse pad	25-30 seconds	180°C(400 F)	40 PSI (Medium)	With sublimation paper
Metal card /Aluminium card	20-25 seconds	180°C(400 F)	40 PSI (Medium)	With sublimation paper
<b>These are approximate datas FYI</b>				

## 3. Maintain Note:

1. Different item will require different temperature and time setting because the materials or thickness is different.
2. This machine is not suitable for children to use or for food processing.
3. Please turn off the machine and unplug the power cord when the machine is not in use.
4. The heat plate will automatically cool down to the room temperature if the heat press stays non-use for more than 30 minutes.
5. The heat-releasing fan will automatically starts when the temperature of heat plate reaches 80 °C (176 °F). It helps to reduce the temperature of electrical parts and prolong the service life of them

## **4.Troubleshooting:**

### **No action after turn on the machine.**

1. Check the plug whether it connects well or whether it is broken.
2. Check the fuse whether it has been burnt out.
3. Check the power switch or digital controller whether it is broken.

### **Indicating light is on but the display screen is black.**

Check the 5 cable of railway transformer. The connection is poor if it is loose, just fix it. The transformer may be faulty if the cable is well connected just fix it.

### **The display screen is working well but the temperature is not heating up.**

1. Check if the indicating light of solid-state relay is on, if not, please check whether the relay or digital controller is broken.
2. The heat platen still can't heating up if you already changed the new solid-state relay, please check whether the heat plate is faulty or the heat plate's power cable is loose, if so,it will need to change a new heat plate.

### **The temperature is out of control: Set temperature 180°C (356°F), but the actual temperature is above 200°C (392°F)**

1. It means the solid-state relay is broken, out of control, need to change a new relay.
2. Or the digital controller is faulty, need to change controller.

### **The print color is pale or faded image**

The pressure is not high enough or The temperature is too low / pressing time is too short. Please adjust the pressure/ temperature or increase the heating time.

### **The print color is too Darkened, deep or blurred image**

The temperature is too high / or pressing time is too long. Please adjust the temperature or reduce the heating time.

### **The print color is different/ partial transfer effect is not good enough**

Pressing time is too short/ using poor quality transfer paper. Please increase the heating time or use high quality transfer paper.

### **The transfer paper stick to the object after transfer**


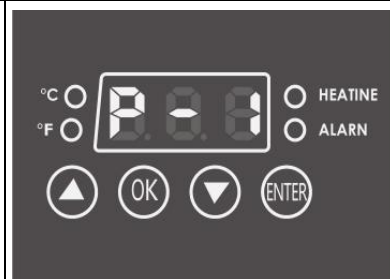

The temperature is too high / use poor quality printing transfer paper Please adjust the temperature or use high quality transfer paper.

# CONTROLLER INSTRUCTION


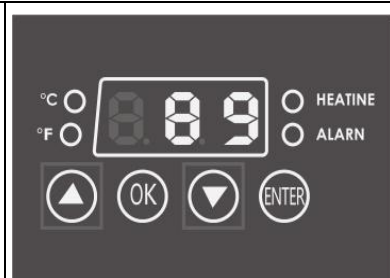

- ① Place the material on working table,adjust the pressure knob get right pressure required
- ② Connect power plug and turn on the switch.
- ③ Set time & temp you want with temp/time controller get required digits.
- ④ The heating plate will start heating up,when it reaches the temp you set,place the material on the working table and press down the handle.
- ⑤ The buzzer will sound when reaching time you set,lift up the handle and take out the material.

## 1、DIGITAL CONTROLLER

### 1.Set temperature

		
① Press OK button	② The display show P-1	③ Press arrows "△" or "▽" adjust temp you need

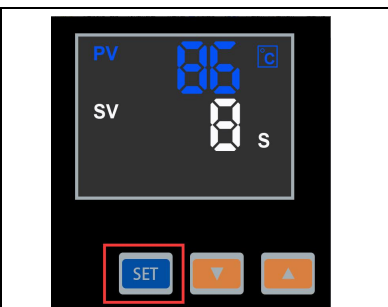
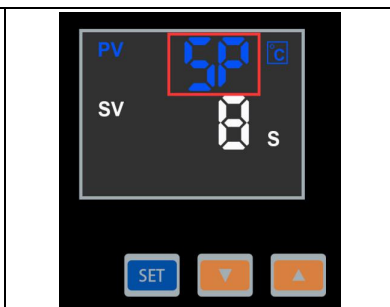
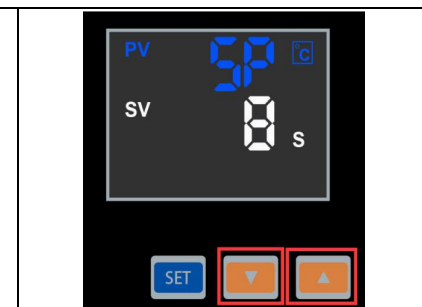
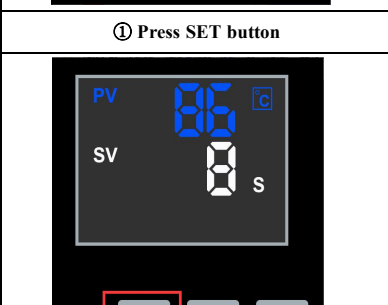
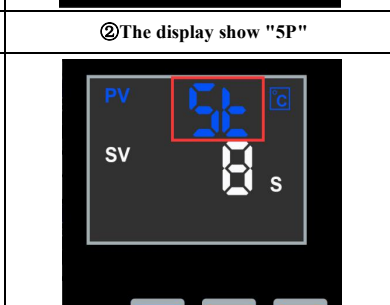
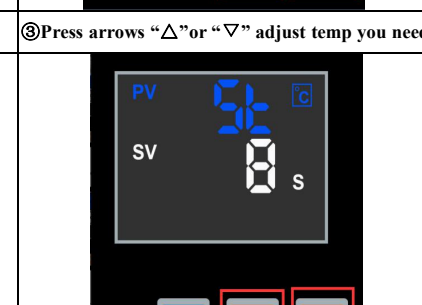
### 2.Set time

		
④ Press OK button after setting temp,display show P-2	⑤ Press arrows "△" or "▽" adjust time you need	⑥ Press OK button after time setting for 2-3 seconds

## 2、LCD CONTROLLER



### SET TEMPERATURE & TIME

(Blue means temperature, white means time)

		
① Press SET button	② The display show "5P"	③ Press arrows "△" or "▽" adjust temp you need
		
④ Press SET button after setting temp	⑤ The display show "5E"	⑥ Press arrows "△" or "▽" adjust time you need,then Press SET button for 2-3 seconds to return

### 3、Screen Touch LCD CONTROLLER

#### 1.Set temperature

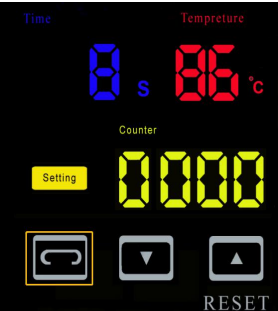
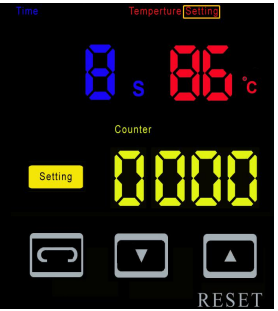
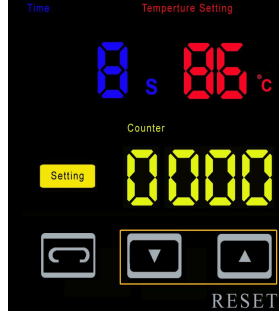

		
<p>①Press the “SET” button</p>	<p>②Then controller show “SH”</p>	<p>③Press arrows button “▲”or “▼” to adjust temperature you need</p>

#### 2.Set time


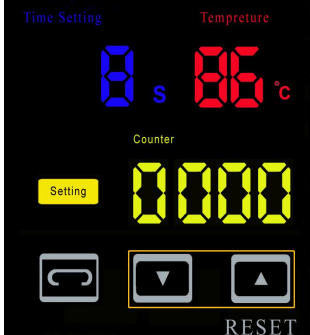
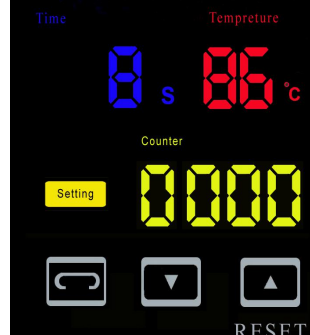


		
<p>④press the “SET” button again</p>	<p>⑤The controller show “SE”</p>	<p>⑥Press arrows button “▲”or “▼” to adjust time,then press SET to return</p>

### 4、Screen Touch LCD NEW CONTROLLER

#### 1.Set temperature

		
<p>①press the  button</p>	<p>②Then controller shows “Tempreture Setting”</p>	<p>③Press arrows button “▲”or “▼” to adjust temperature</p>

#### 2.Set time

		
<p>④press the  button again</p>	<p>⑤Then controller shows “Time Setting”</p>	<p>⑥Press arrows button “▲”or “▼” to adjust time,then pres  to return</p>