



Multifunction Digital Heat Press Machine

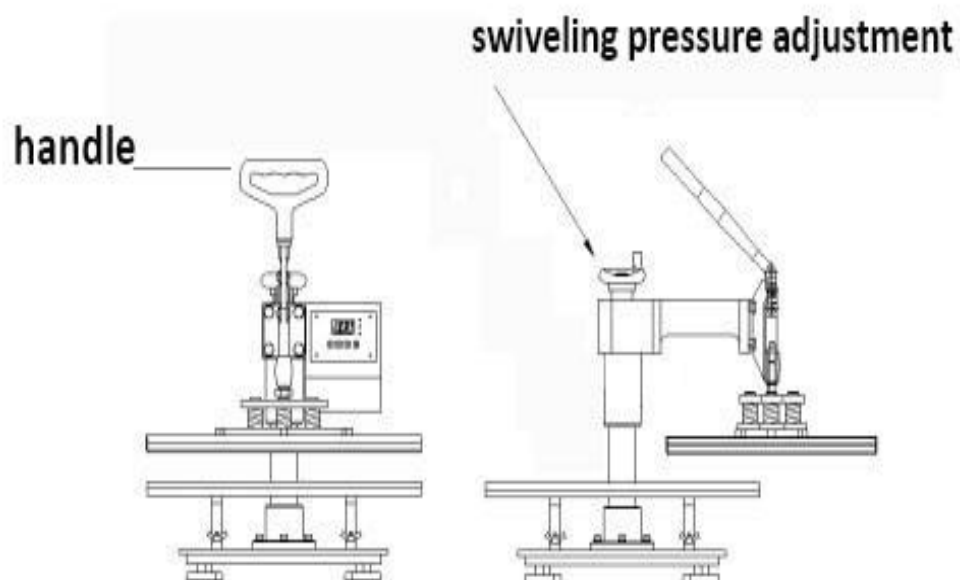
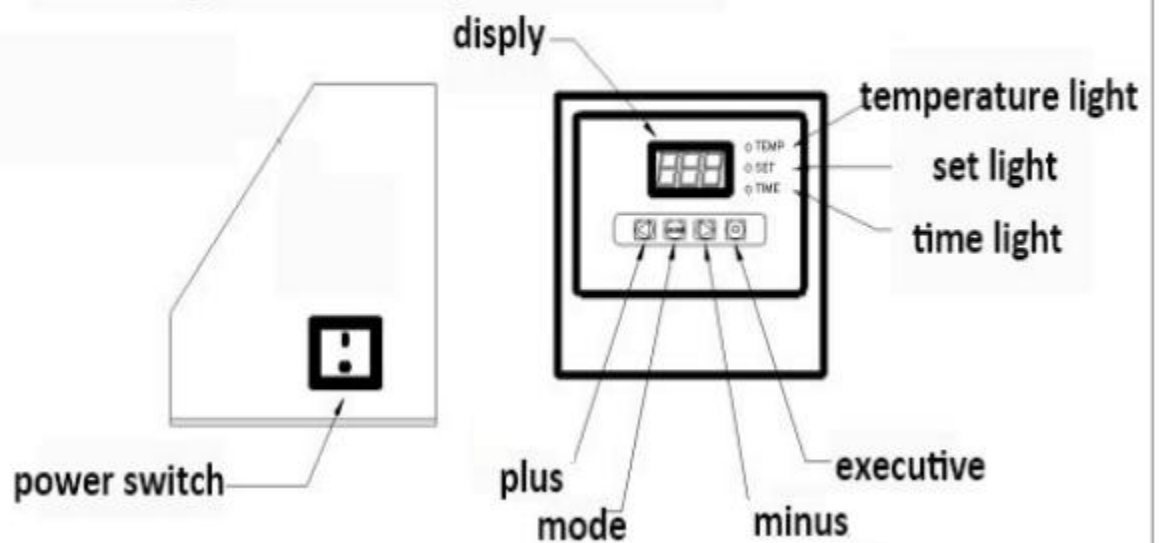
Operating Instructions

User Guide



INTRODUCTION

digital manipulation board



OPERATING INSTRUCTIONS

CAUTION

- CHECK the correct voltage before using the machine. Be SURE to operate with reliable grounded protection connections!
- TURN OFF the machine, and then DISCONNECT the power-supply before replacing the heat units. DO NOT forget to wearing insulated gloves if the unit is still under high-temperature.
- AVOID prolonged burning of the heating parts. If not turning the power off, please place a hot stamping replacement (it could be a scrap and can be used repeatedly). AVOID damaging the heating units with sharp parts of the stamping object.
- AVOID touching the heating units and the compression spring without protection in case of potential damage of body during use.
- If it's hard to pushing the grasp, please adjust the rotation lock screw in order to reduce the pressure of compression spring. Or, it will damage to the strength of the machine.
- Before lifting the machine, please lock the machine head by rotation lock screw and loosen the handle (don't screw the rotation lock screw too tight). Besides, do not put down the machine beyond the limit. When meeting the falling limit, you can feel an obvious pressure on the swiveling pressure adjustment wheel.
- Keep children away from the machine!!!
- DO NOT attempt to press products that are not intended for normal heat transfer. Baking pads should be avoided of empty burning.

I. Preparation before Using:


1. Check the connection between power plug and electrical socket of electric cabinet. Be sure to operate with safe ground wire!!!
2. Heat press element must be securely plugged into the machine before you switch the machine on. Plug your electrical cord into the machine. Plug electrical socket into wall plug. Turn the power on by flipping the On/Off Switch on. (Nominal voltage: 110V, Max. input power: 1400W)
3. Put in the object going to be shaped, close up the handle and rotate the adjusting screw to get a proper pressure (the pressure of the mug press unit is a screw.)
4. Turn on the power switch, and the instrument board will display the temperature.

II. Set temperature required


Set the temperature and time according to the table below and get the specific corresponding temperature and timing setting. (Temperature is measured in Degrees Celsius.)

Press Object	Initial Temperature	Highest Temperature	Proper Heating Time
Mugs	110	200	30
Tiles	110	200	30
Metal board	110	200	30
Plate	110	200	40
T-shirt	110	200	Sublimation paper: 20~30 sec
			T-shirt paper: 10~20 sec


A. Initial Temperature Setting (Range: 28~150 Degree C)

Press the  "mode button" ONCE, see the "set light" turning red. Then press the "plus / minus key" to set the initial heating temperature.

B. Highest Temperature Setting (Range: 110~200 Degree C)

Press the  "mode button" for THE SECOND TIME; see the "temperature light" turning red. Then press the "plus or minus key" to set the highest heating temperature.

C. Proper Heating Time Setting (Range: 0~999 Sec.)

Press the  "mode button" for THE THIRD TIME; see the "time light" turning red. Then press the "plus or minus key" to set the proper heating time.

D. Finish the Setting and Stands by to Work



Press the "mode button" for THE FOURTH TIME; finish the setting and the machine stands by to work.

Note


- The machine has a self-locking function for temperature setting.
---If setting the maximum temperature as 180 degrees C at first, the machine will automatically limit the starting temperature setting range from 0 to 180 degrees C.
- Initial heating temperature always =< Highest heating temperature

Note: This heat press machine Cannot convert temperature degrees Celsius to Fahrenheit, Can only be set to degrees Celsius.

III. Printing methods

1. Adjust pressure to your requirement (Neither too tight nor too loose), Plug in the power cord and turn the power switch ON.
2. The temperature starts to rise. Set the Initial temperature, Highest Temperature and press time.
3. Once the temperature rise to the Initial temperature, the buzzer will send out a short “BEEP” sound.
4. Press the  “Executive” button once. Then Place the object (i.e. T-shirt) on press bed. Pull Down the handle to press the object.
5. Wait for the time ends up with a long buzzer sound. Press the  “Executive” button once.
6. Work finish and take out object.
7. Turn off the power switch.

Note

- If pressing the  “Executive” button below the initial temperature, the buzzer will keep making the sound “BEEP” during the whole process.

Solution: Press the  “Executive” button again, the “BEEP” will be stopped.

IV. Trouble shooting for transfer quality

1. **Pale Color:** The temperature is too low / the pressure is not correct / or not pressed long enough.
2. **Blurring Pattern:** Too much transfer time causes proliferation.
3. **Part Blurring of Pattern:** 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
4. **Dull Surface of Pattern:** The pressure is too large or the temperature is too high.
5. **Scarred Pattern:** Transfer time is too long.
6. **Different Pattern Color:** The pressure is not correct or the transfer paper is poor quality
7. **Adhesive Paper:** the temperature is too high or poor printing ink

V. Recommendations

1. T-shirt transfer:

Initial temperature: 110°C;

Highest Temperature: 200°C

The time of press:

Chemical fiber use for sublimation transfer paper: 20-30seconds

Pure cotton use for T-shirt transfer paper: 10-20seconds

Complete Installation Picture

Combo Heat Press Machine
for T-Shirts



2. Metal board:

Initial temperature: 110°C;

Highest Temperature: 200°C

The time of press: 30 seconds

3. Cap pressing:

Unscrew the press bed and fit cap press bed onto the base of the heat press machine by using the wing nuts Change press head

- 1) Adjust height and lock the anti swivel locks of the heat press machine by using the black knob at the back of machine.
- 2) Before you switch machine ON, make sure element wire is PLUGGED IN and SECURED.
- 3) And all components has been secured and fastened.
- 4) REMEMBER to unlock anti swivel lock before adjusting the pressure.

Complete Installation Picture

Combo Heat Press Machine

for Caps/Hats



4. Ceramic tile transfer: (Plates & Mugs transfer is similar)

Initial temperature: 110°C;

Highest Temperature: 110°C~200°C

The time of press: 30 seconds

Complete Installation Picture

Combo Heat Press Machine
for Plates



Combo Heat Press Machine
for Mugs



