

# **Users Manual**

## **of**

# **Multifunctional Digital Heat Press Machine**

This digital combo heat press machine is a multifunctional swing-away heat press, which boasts all of the digital features of the state-of-the-art control system. It includes digital temperature, time, and a digital pressure/ height gauge, as well as programmable presets, user definable alarms and a host of other digital features.

The construction is a solid steel welded framework. However, the popular success of this digital combo lies in its instantly interchangeable system of heat platens and tables. It utilizes quickchange attachments for heat transferring images onto a surprisingly wide variety of materials. The interchangeability of the digital combo is performed quickly and safely.

If your product offering is going to reach beyond just flat and fabric items, it is the superior heat press machinery solution. It include flat baking board, mug baking mould, plate baking mould of 2 size, and cap baking mould.

Due to its swing-away design and wide adjustment range, this machine excels at handling extremely thick items such as plaques, tiles, woods, plastics, and other items that can not be pressed in conventional T-shirt presses

### **Specifications:**

Voltage: 110/220V

Power: 1,250W

Temperature range: 0 - 380°C

Net weight: 37kg

Gross weight: 40kg

Timing range: 0 - 999sec.

Diameter 7.5 - 9cm for mug

Diameter :11cm for plate

Diameter :30x 30cm for flat

### **Instructions:**

1. Please check the power supply if it fits the machine.
2. Please cut off the power when replace the heating components, if those parts are still very hot, please wear heat insulation gloves.
3. If you don't cut off the power during using the machine, please prevent baking without an object; put some waste paper in the heat mat. The heating parts must keep distance from sharp articles.
4. Please be careful and don't get burnt by the machine.
5. Please adjust the screw if is too tight, don't try hard to press handspike, otherwise it will get damaged.
6. When adjust the pressure, please tighten/loosen the handspike. If you sense very tension, that means it goes to the maximum strength, stop adjusting.
7. Please keep the machine out of children, though it is power-off. Children must be accompanied by adults when using the machine.

### **Operation step:**

1. Please check power supply if it is connected.
2. Switch on the power (Voltage: 220, Power: 1250W)

3. Operation Setup: (Temperature counts with Centigrade)
4. Temperature setup: Press the "Set" button, and the "Set" button is on, Press button "V" or "^" to set the proper temperature.
5. Time Setup: Press the "St" button, now the "St" button is on. Press button "V" or "^" to set the Maximum Baking Time.
6. When the temperature goes up to what you set, press the green button beside the power switch.

### **Some defective phenomenon and reasons:**

1. Pale color: too low temperature or uneven pressure or too short time.
2. Blurred image: Too long baking time leads to ink spread.
3. mute luster: too heavy pressure or too long baking time.
4. Partially blurred: uneven heating
5. Scars on the image: too long baking time.
6. Uneven color: Uneven pressure or uneven transferred coating
7. Stick paper: too high temperature or uneven transferred coating

### **Printing with different media:**

#### **Ceramics:**

temperature: 166°C, time: 40 sec.

Procedure: Wipe the tile with cloth. Stick the transfer mat on the tile; fix them with high temperature tape. Place them into the heating mat, press the handle, and adjust the strength if it is too tight or too loose. See operations.

#### **Metal Plate:**

temperature: 150°C, time: 40 sec.

Procedure: Peel the film of the metal board, stick the transferred mat on front face of metal board, fix them with high temperature tape. Put them in the middle of the heating mat, press the handle, and adjust the strength if it is too tight or too loose. See operation.

#### **Mug:**

temperature: 166°C, time: 40 sec.

Procedure: Wipe the face of the mug with cloth; wrap it with heat transferred mat. Fix them with high temperature tape. Place the mug into the mould cavity. Push the handle. Adjust the handspike, not too tight or too loose. See operations in details.

#### **Fabric:**

Temperature: 160. For chemical fiber, time about 30~50 seconds. For cotton, time about 10~20 seconds.

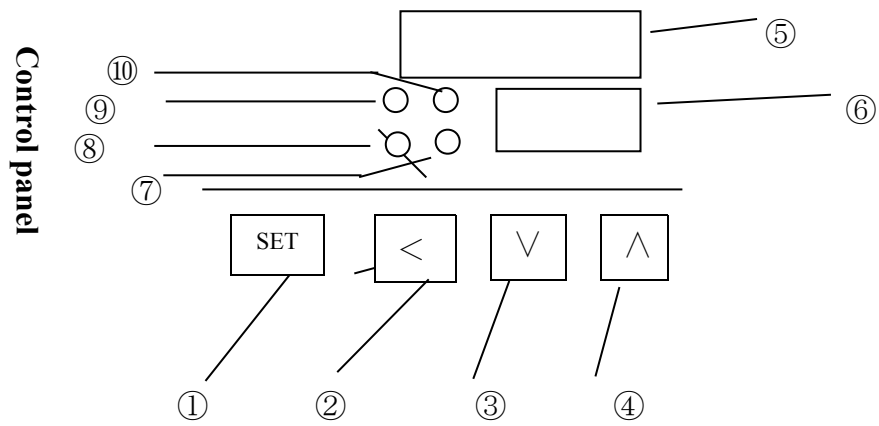
Procedure: Adhere the transferred mat on the fabric materials, fix them with high heating tape and keep them heads. Press the handle. Adjust the tension when it is too heavy or too light. When the temperature goes to the original, press the handle, also press the "green" button. See operations.

#### **Porcelain:**

temperature: 166°C, time: 40 sec.

Procedure: Wipe off the face of the materials, adhere the transferred mat on the porcelain materials, fix them with high heating tape and keep them heads. Press the handle. Adjust the tension when it is too heavy or too light. When the temperature goes to the original, press the handle, also press the "green" button. See operations.

When the temperature increases 30~40 °C, keep it cool for 10 seconds. Repeat the operation till finish the process. This can live longer lifetime and prevent distortion.



- (1) SET (SET)
  - (2) Time setup and space (◀)
  - (3) Minus (▼)
  - (4) Plus (▲)
  - (5) Temperature indicator (PV)
  - (6) Time display (SV)
  - (7) Runtime end (END)
  - (8) Alarm (ALM, red)
  - (9) heating output indicator
  - (10) Alter(AT, red)
- (OUT, green)