

# HEAT PRESS

## Product Usage Instruction

Please read the instruction carefully before using and keep it well.

SKU: H-HOBBY/3D

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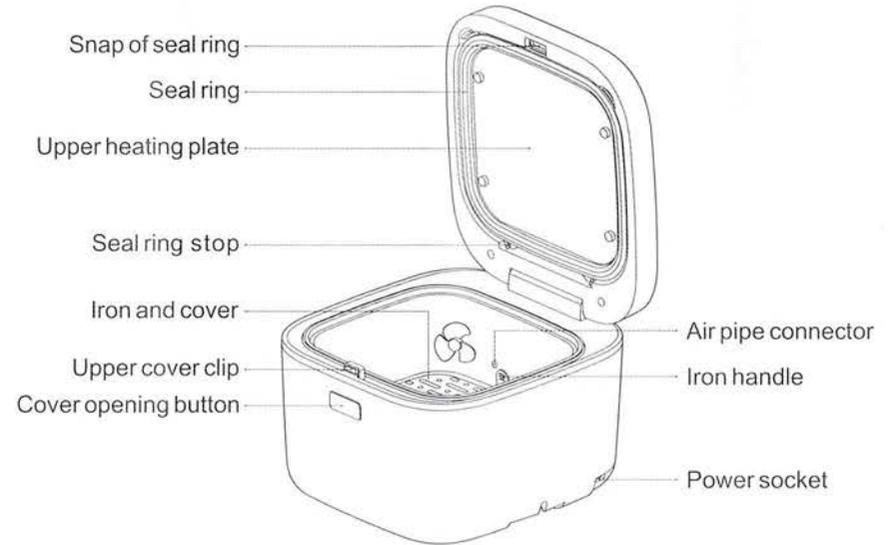
### Print As You Want

Small 3D Vacuum Heat Transfer Machine

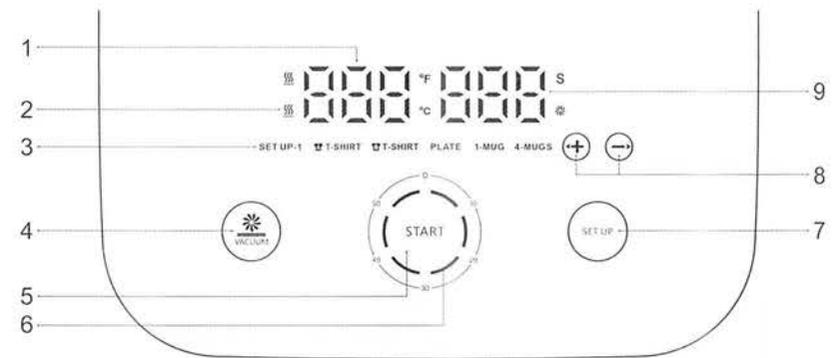


Warnings must be followed carefully to avoid body injury.

## Introduction



## Control Panel



- |                     |               |                 |
|---------------------|---------------|-----------------|
| 1.LED temp. display | 4.Vacuum pump | 7.Set up/cancel |
| 2.Heating state     | 5.Start       | 8.Value+/-      |
| 3.Quick select menu | 6.Indicator   | 9.Time          |

SET UP-1 T-SHIRT T-SHIRT PLATE 1-MUG 4-MUGS (+) (-)

## Accessories



Mainframes



0708 electric iron



Electric iron tray



Seal ring



Plastic press frame



Vacuum silicone rubber



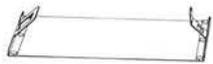
Lower silicone rubber



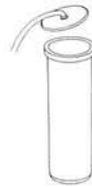
Iron vacuum disk



Line card



11OZ silicone mug clamp



Silicone mug clamp of aluminum pot



Silicone mug clamp with handle



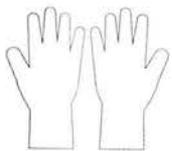
Power cord



Silicone hose



Heat-resistant pad



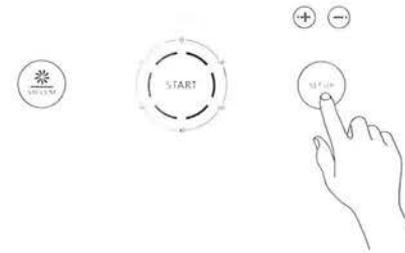
Heat-resistant gloves



Introductions

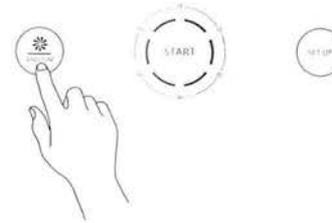
## °C/°F Temperature Conversion

°F ⇌ °C



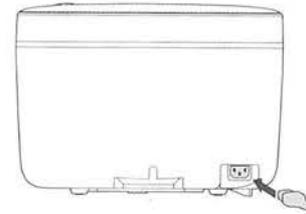
1. Press and hold the SET UP button for 6s in the shutdown state
2. Press +/- to select the temperature unit.
3. Press START button to start the machine.

## Restore Factory Settings



1. Press and hold the VACUUM button for 6s in the shutdown state.
2. It will restore the factory settings after a beep sound.
3. Press START button to start the machine.

## Getting Started



Connect the power cord:  
Confirm the voltage of the machine before use, connect the power cord to the power port behind the machine and insert the plug into the socket.



**Start:**  
After power on, short press the "START" button to start the machine and it will automatically start heating after 3s.

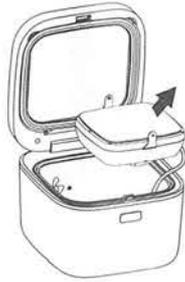
**Shutdown:**  
Press and hold "START" button for 3s to shut down the machine.

**Auto shutdown:**  
The machine will automatically shut down if it is not operated within 120min.

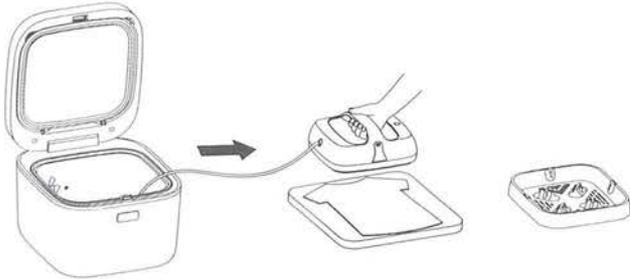
## Printing of Clothes



1. Take out the water tray and insulation tray.



2. Take out the iron.



3. Firmly press on the clothes and start the countdown.



### Parameter Setting

Printing materials: Heat transfer film

1. Press SET UP button to show the symbol + \-.
2. Change to (A)T-SHIRT mode.
3. Temperature: 180°C Time: 25S

1. Printing materials: Heat transfer ink and paper
2. Press SET UP button to show the symbol + \-.
3. Change to (B)T-SHIRT mode
4. Temperature: 180°C Time: 60S

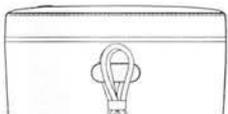
### Transfer Process

Press the timing button during hot pressing and then place the iron on the insulation tray.  
Heating plate size: 7"X8"

### Tips:

If the transferred pattern size is larger than the heating plate, please move the iron to transfer alternately.

## Cord organization



Put the cord of the iron on the outside of the machine as shown in the figure.

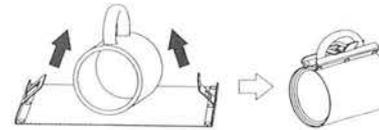
## Printing of 110z Mug



1. Toggle the latch to eject the press frame.



2. Install the seal ring.

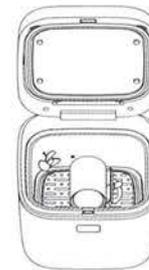


3. Clamp the mug properly.



4. Put the mug into the machine.

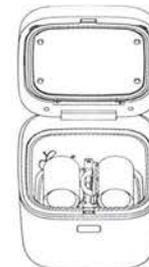
### Parameter Setting



Qty: 1 PCS

Press SET UP button to show the symbol + \-.  
Change to (1-MUG) mode.

Upper temp.: 210°C Lower temp.: 220°C  
Time: 600S



Qty: 2 PCS

Press SET UP button to show the symbol + \-.  
Change to (4-MUGS) mode.

Upper temp.: 210°C Lower temp.: 220°C  
Time: 720S



### Tips:

1. Increase the transfer time if the color of the transferred pattern is too light

## Printing of plane products



1. Install the silicone rubber.



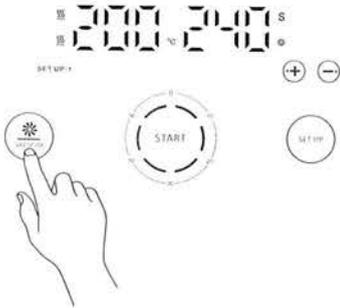
2. Install the press frame.



3. Connect the air pipe.



4. Turn on the vacuum pump.



### Parameter Setting

Material: Mobile phone case

Qty.: 1 PCS

Press SET UP button to show the symbol + \-.

Change to (SET UP - 1) mode

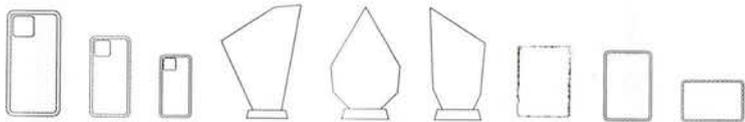
Upper temp.: 180°C Lower temp.: 180°C

Time: 240S

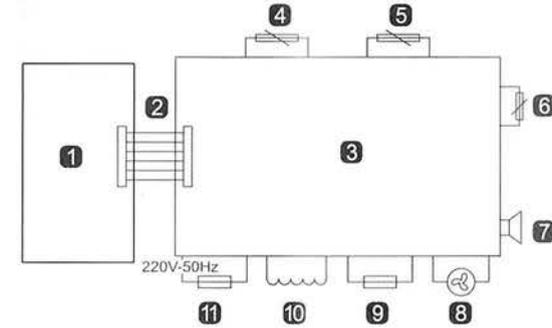
#### Tips:

The time and temperature for making different products will vary and they can be changed according to the needs of users.

Mobile phone case, stone plate, aluminum plate, crystal plate, etc. can be printed.

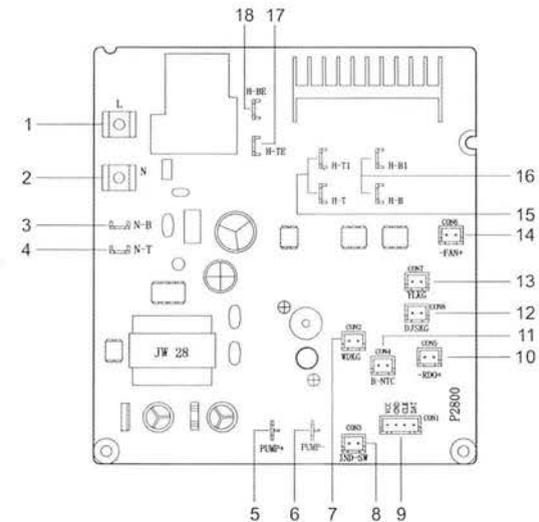


## Electrical Diagram



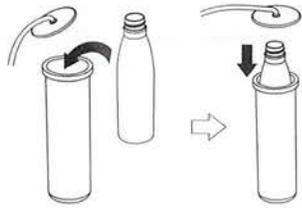
- ① Main Control Board
- ② Connect the cable
- ③ Power Strip
- ④ Down temperature sensor
- ⑤ Lower temperature sensor
- ⑥ Vacuum pump
- ⑦ Buzzer
- ⑧ Fan
- ⑨ Thermal cutoff
- ⑩ Heating Filament
- ⑪ Soaking Fan

## Circuit Board wiring diagram

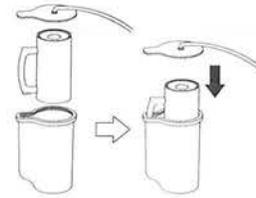


- 1. Input live wire
- 2. Input zero wire
- 3. Output zero wire of iron
- 4. Upper heating output zero wire
- 5. Positive pole of vacuum pump
- 6. Negative pole of vacuum pump
- 7. Uniform Fan
- 8. Exhaust valve
- 9. Thermal cutoff
- 10. Upper heating temperature probe
- 11. Iron temperature probe
- 12. Iron button
- 13. Air pressure switch
- 14. Fan
- 15. Upper heating output live wire
- 16. Output live wire of iron
- 17. Stand by (H-TE) Upper fever
- 18. Stand by (H-TE) Upper fever

## Printing of Vacuum Silicone Mug Clamp



1. Take out the vacuum silicone mug clamp. Put the mug into the clamp and cover it properly.

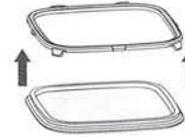


2. Connect the air pipe.



3. Turn on the vacuum pump.

## Printing of Plate



1. Install the silicone rubber.



2. Install the press frame.



3. Connect the air pipe.



4. Turn on the vacuum pump.



### Parameter Setting

Material: Aluminum pot  
Qty: 1 PCS  
Press SET UP button to show the symbol + \-.  
Change to (1-MUG) mode.  
Upper temp.: 210°C Lower temp.: 220°C  
Time: 600S

Tips:  
1. Increase the transfer time if the color of the transferred pattern is too light.  
2. Reduce the transfer time if the color of the transferred pattern is too dark.



### Parameter Setting

Material: Plate  
Qty.: 1 PCS  
Press SET UP button to show the symbol + \-.  
Change to (Plate) mode  
Upper temp.: 210°C Lower temp.: 220°C  
Time: 420S

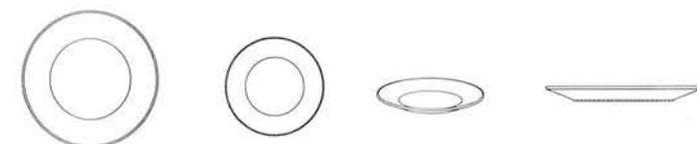
Tips:  
1. Increase the transfer time if the color of the transferred pattern is too light.  
2. Reduce the transfer time if the color of the transferred pattern is too dark.

## Different types of mugs can be printed



Max. diameter: 90mm Max. length: 260mm

## Different types of plates can be printed



Max. diameter: 180mm Max. length: 100mm

## Factory Default Parameters

Mode	Upper temp.	Lower temp.	Time
SETUP-1 Free mode	210°C(410°F)	210°C(410°F)	60S
(A)T-SHIRT	No heating	180°C(356°F)	25S
(B)T-SHIRT	No heating	180°C (356°F)	60S
PLATE	210°C(410°F)	220°C(428°F)	420S
1-MUG	210°C(410°F)	220°C(428°F)	600S
4-MUGS	210°C(410°F)	220°C(428°F)	720S

## Basic Product Parameters

Name: Vacuum heat transfer machine	Model: PD2800
Upper heating method: Glass plate heating	
Lower heating method: Aluminum plate heating	
Rated voltage/frequency: 220V~50Hz 110V~60Hz	Rated power: 800W
Packing size: 410X380X350mm	Iron size: 180X205mm
Temp. range: 40°C~220°C (104°F~428°F)	Time range: 1-999S
Gross Weight: 9.5KG	

## Guarantee

The products are strictly based on the Consumer Protection Law of the People's Republic of China and the Product Quality Law of the People's Republic of China. The services are as follows:

Within 12 months this product has the performance failure listed in the Product Performance Failure Table". It is confirmed by manufacturer and can be used for maintenance service free of charge. If out of validity, damage caused by force majeure, or human causes, the machine is not covered by the warranty, repair in charge.

## Safety instruction

Before operating this unit, please read these instructions completely and save them.

Notice:

1. Keep unplug when moving the machine.
2. Keep unplug when installing accessories.
3. Place on a flat and stable platform and operate under ventilated conditions.
4. Wear special protective equipment when operating the machine

## Warning

Improper use may result in electric shock, fire, personal injury and other damage.

1. Do not use this machine in a hazardous location.
2. Do not use when the machine is not working properly.
3. Do not allow children or adults who do not understand this manual to operate this machine.
4. Do not disassemble and repair this machine.
5. Do not use an unsuitable AC outlet.
6. Do not touch the heating plate when the machine heating



## Troubleshooting

1. (F1) Fault code  
Temperature probe failure. Replace with a new probe.
2. Upper cover cannot be closed  
Please check whether the inner cover is installed properly.
3. Upper heating failure
  - 1) Please change the mode in case of upper heating failure in MUG-1\MUG-4 set up mode.
  - 2) The glass heating plate may be damaged and replace if required.
  - 3) The main board is damaged. Change to standby circuit and insert line 15 into line 19.
4. Lower heating failure  
The main board is damaged. Change to standby circuit and insert line 17 into line 20.
5. Smell  
Smell will be produced during the heating and it will be decreased after a period of operation.
6. Vacuum pump working all the time  
Please check whether the product is sealed properly and there may be air leakage.
7. Displayed temperature is inconsistent with actual temperature  
There will be a temperature error of about 10°C during the heating.
8. Leakage during vacuuming  
Please check whether the silicone rubber is intact. Please replace it if it is broken. (Silicone accessories are consumables. An extra set of accessory is provided with the machine or they can be purchased separately).
9. Uneven color of transferred mug  
Please check whether the small blades in the oven are rotating. If not, please check whether the MUG mode is selected. Replace the blade motor if it is damaged.
10. Too light of transferred pattern  
Please increase the transfer time and temperature accordingly.
11. Too dark of transferred pattern  
Please reduce the transfer time and temperature accordingly.
12. No vacuuming  
Check whether there is sound of motor. If not, replace the vacuum pump.

## Warranty

Type	Items	Period
Whole machine	Parts of machine (excl. accessories)	1 year
Accessories	Silicone rubber and mug clamp	No warranty for consumables