

MULTIFUNCTION(4 in 1/6 in 1) HIGH PRESSURE HEAT PRESS MACHINE

Users' Manual



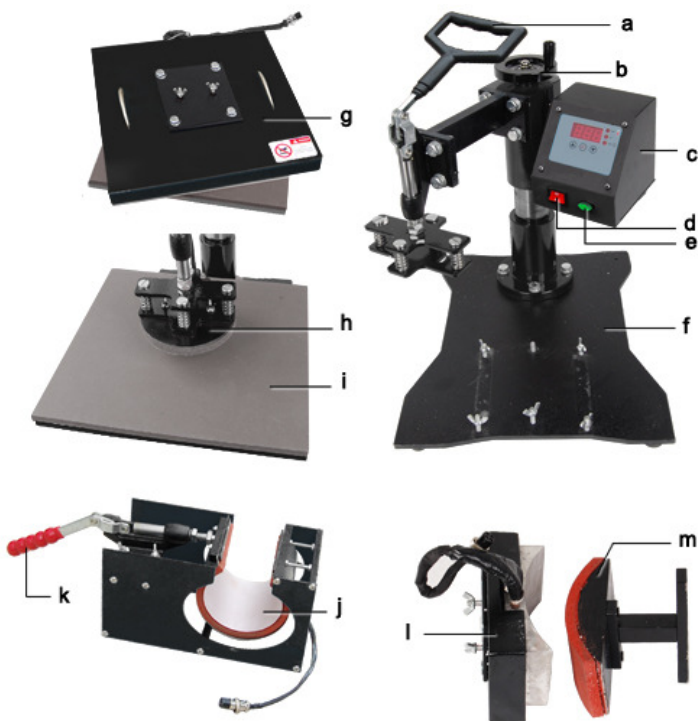
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I. Introduction:

This multifunction heat press machine can transfer colorful pictures and characters of sublimating and dissolved printing ink onto ceramics, glasses and textiles such as cotton, flax, chemical fiber, nylon, ect. The machine can also conduct some heat-treatments such as hair-planting print, vesicant print and conglutination of cloth lining and cloth under low temperature and low pressure. It can be used for T-shirts, mouse mats, jigsaw puzzles, door hangers, ceramic tiles, ID badges, coasters, place mats and just about every other flat surface item you may want to use dye sublimation for.

- a. Main Body Handle
- b. Pressure Knob
- c. Temperature/Time Controller
- d. On-off Power Switch
- e. "Counting Down" Button
- f. Main Body Base
- g. Platen Press (Heating Plate)
- h. Plate Press
- i. Heat-resistant Silica-gel Sponge
- j. Mug Press (Heating Net)
- k. Mug Press Handle
- l. Cap Press (Heating Plate)
- m. Cap Press Base





II. Features & Specification:

A. Features:

- ✓ Multifunction swing-away heat press machine.
- ✓ Includes platen press, plate press, cap press and mug press.
- ✓ Easy and convenient to assemble and operate.
- ✓ Constructed with steel frame.
- ✓ Digital 2in1 Temperature/Time Controller (Fahrenheit or Celsius scale selectable).
- ✓ More precise and convenient to control the heating time.
- ✓ Full range pressure adjustment to adjust for either thick or thin substrates.
- ✓ 15mm thick heat plate provides for even temperature and higher pressure.
- ✓ Easily replaceable heat-resistant silica-gel sponge.

B. Specification:

Voltage	110V
Power	280W-350W-1000W
Plug Standard	US, Canada
Temperature range	0-399 °C (32°F-750.2°F)
Temperature error band	+/- 2 °C
Time range	0-99 Sec
Operating Space:	
Platen Press	12 x 12"
Hat/Cap Press	6" x 3 1/4"
Mug Press	3 1/4" diameter(16oz)
Plate Press	5" max diameter

III. Installation & Operation:

A. Installation:

Please note: Users should operate the machine with ground wire connected for safety!

1. Connect the main power supply:

Connect the power cord to the timer & temperature control of the machine. Plug the power cord into the electric outlet (110 Vac) to have the machine electrified.



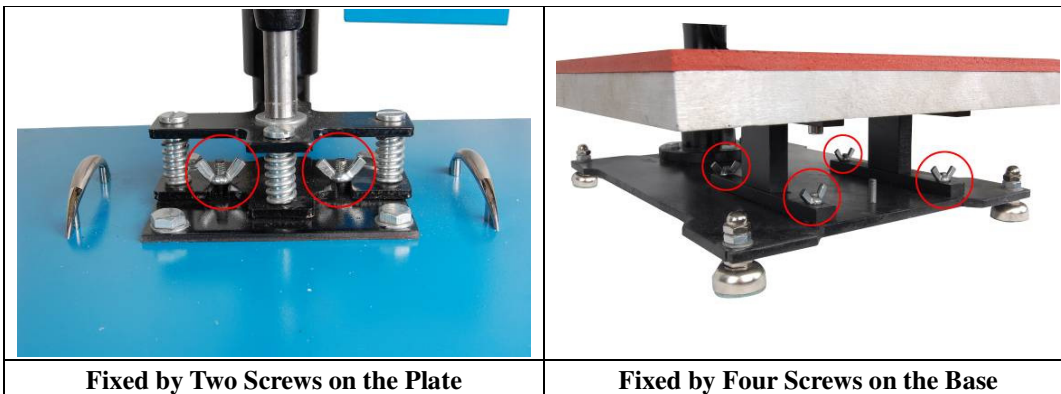
2. Platen heat press attachment installation:

The platen heat press machine is ready to use under the factory setting.



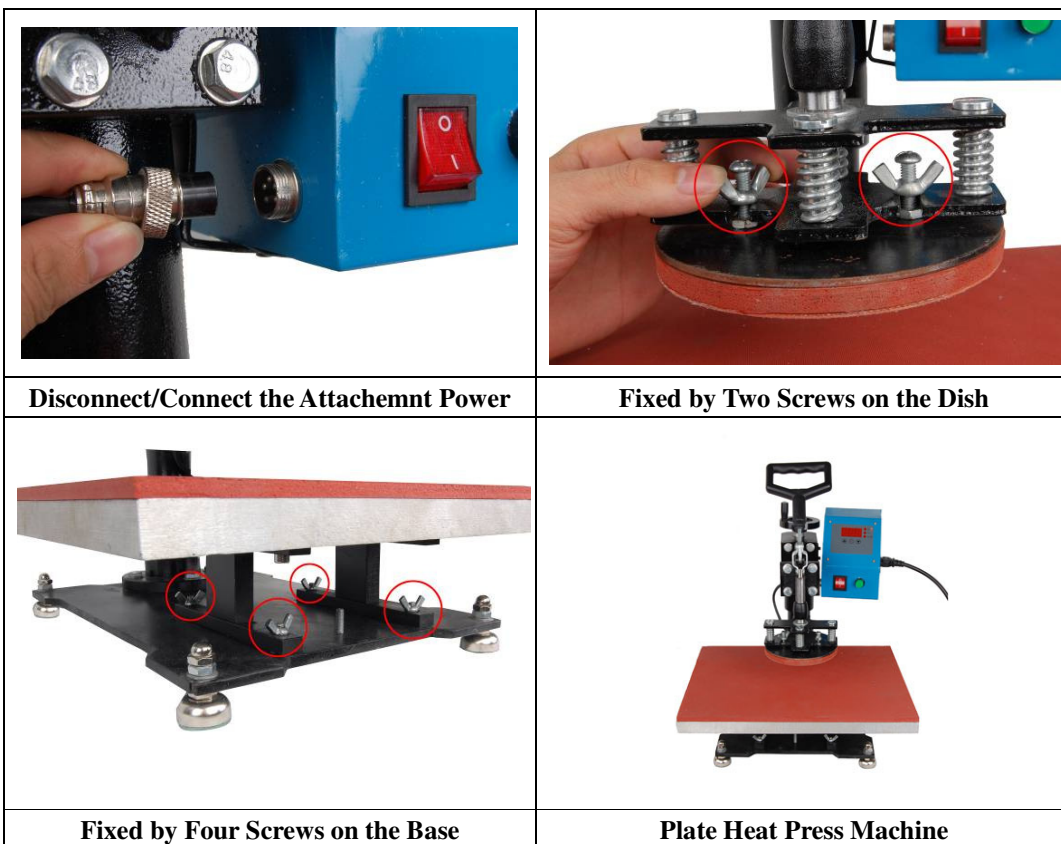
Platen Heat Press Machine

The platen heat press attachment is fixed by two screws on the platen press heating plate (g) and the four screws on the main body base (f).



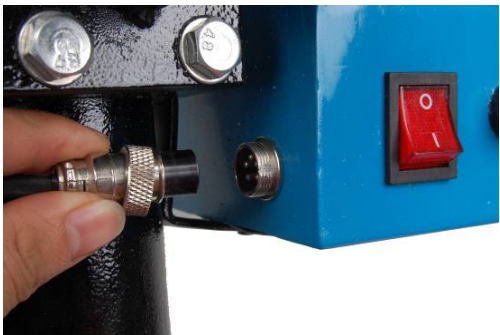



3. Dish heat press attachment installation:

Take off the platen attachment power supply connector from the timer/temperature control.
 Remove two screws fixing on plate and install the dish heat press attachment.
 Connect the dish attachment power supply connector to the timer/temperature control.
 The dish heat press machine is ready to use.



4. Hat/Cap heat press attachment installation:

Take off the dish attachment power supply connector from the timer/temperature control. Remove two screws fixing on dish attachment and install the top hat/cap heat press part. Remove four screws fixing on base and install the nether hat/cap part with two screws. Connect the hat/cap attachment power supply connector to the timer/temperature control. The hat/cap heat press machine is ready to use.

	
<p>Disconnect/Connect the Attachment Power</p>	<p>Fixed by Two Screws on the Attachment</p>
	
<p>Fixed by Two Screws on the Base</p>	<p>Hat/Cap Heat Press Machine</p>

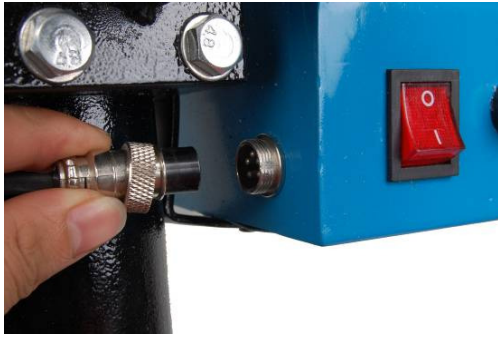

5. Mug heat press attachment installation:

Take off the hat/cap attachment power supply connector from the timer/temperature control.

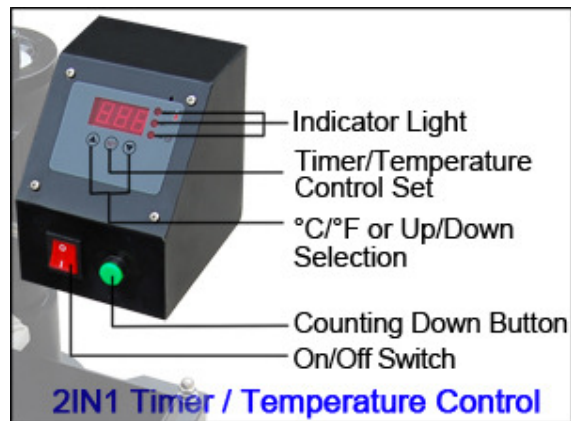
Remove two screws fixing on hat/cap attachment and four screws fixing on base.

Connect the mug attachment power supply connector to the timer/temperature control.

The mug heat press machine is ready to use.

	
<p>Disconnect/Connect the Attachment Power</p>	<p>Mug Heat Press Machine</p>

B. Timer & Temperature Control Operation:



1. Turn on Power (On/Off) switch.
2. Press "Up" and "Down" button at the same time to select Fahrenheit scale or Celsius scale. Temperature scale need to be selected on first use.
3. Press "Set" button to select setting between temperature and time.
4. When temperature light on, select desired temperature with "Up" or "Down" button.
5. When time light on, select desired time with "Up" or "Down" button.
6. Press the "Counting Down" button as soon as the heat press is engaged.
7. The digital display shows the time counting down from pre-set number to 0.
8. It alarms automatically when time is up.

C. Platen Heat Press Machine Operation:

1. Install the platen heat press attachment and connect the power cord.
2. Draw down the handle (a) and adjust the height and pressure with pressure knob (b).
3. Pull up the handle and swing to open the heating plate (g).
4. Place a T-shirt or any flat surface item you may want to use dye sublimation for on the heat-resistant silica-gel sponge (i).
5. Place the transfer upside down on the T-shirt. Make sure that the pattern side is facing to the T-shirt surface.
6. Place the teflon sheet on the top to prevent the T-shirt turning yellow by the hot temperature, especially when the transfer paper is smaller than the T-shirt.
7. Swing the heating plate back to the central and turn on the power switch (d).
8. Set proper temperature and heating time with 2in1 temperature/time controller (c).
9. When the temperature reaches to the required level, draw down the handle and press the "Counting Down" button (e).
10. Pull up the handle and swing to open the heating plate when the alarm alerts. Transfer done!

D. Plate Heat Press Machine Operation:

1. Install the plate heat press attachment and Connect the power cord.
2. Draw down the handle (a) and adjust the height and pressure with pressure knob (b).
3. Pull up the handle and swing to open the heating plate (h).

4. Place a max. 5" dish or any flat item in diameter you may want to use dye sublimation for on the heat-resistant silica-gel sponge (i).
5. Place the transfer paper upside down on the dish. Make sure that the pattern side is facing to the dish surface.
6. Swing the heating plate back to the central and turn on the On/Off power switch (d).
7. Set the proper temperature and heating time with the 2in1 temperature/time controller (c).
8. When the temperature reaches to the required level, draw down the handle and press the "Counting Down" button (e).
9. Pull up the handle and swing to open the heating plate when the alarm alerts. Transfer done!

E. Cap Heat Press Machine Operation:

1. Install the cap heat press attachment and connect the power cord.
2. Draw down the handle (a) and adjust the height and pressure with pressure knob (b).
3. Pull up the handle and swing to open the heating plate (l).
4. Place a cap or any arc item you may want to use dye sublimation for on the heat-resistant silica-gel sponge (m).
5. Place the transfer paper upside down on the cap. Make sure that the pattern side is facing to the cap surface.
6. Swing the heating plate back to the central and turn on the On/Off switch (d).
7. Set the proper temperature and heating time by the 2in1 temperature/time controller (c).
8. When the temperature reaches to the required level, draw down the handle and press the "Counting Down" button (e).
9. Pull up the handle and swing to open the heating plate when the alarm alerts. Transfer done!

F. Mug Heat Press Machine Operation:

1. Install the cap heat press attachment.
2. Connect the power cord.
3. Pull out the handle (k) to extend the heating net (j).
4. Turn on the On/Off switch (d).
5. Set the proper temperature and heating time by the 2in1 temperature/time controller (c).
6. When the temperature reaches to the required level, place the transfer on a 16oz mug or any columniform item in 3 1/4" diameter you may want to use dye sublimation for. Make sure the pattern side facing to the mug surface.
7. Insert the mug with transfer into the heat-resistant silica-gel sponge with heating net. Please be careful of the hot heating net.
8. Push back the handle to shrink the heating net and press the "Counting Down" button (e).
9. Pull out the handle to open the heating net when the alarm alerts.
10. Take out the mug. Transfer done!

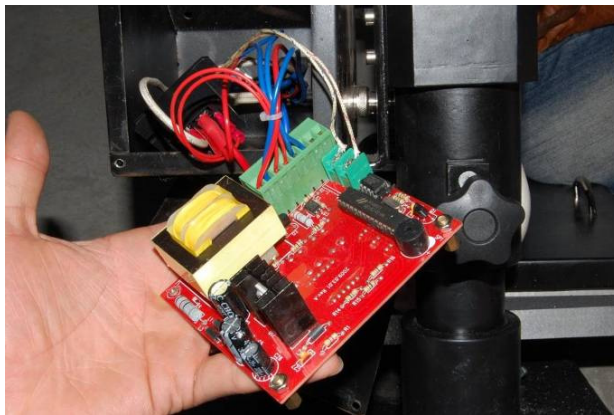
IV. Trouble Shootings (Q&A):

A. No action after switching on the power.

- a. Check the plug to see whether it touches well
- b. Check the fuse to see whether it has been burned out
- c. Make sure you use the safe ground wire and the voltage is correct

B. The light turns on but the machine does not get hot.

- a. Turn off the power.
Open the back frame of the digital control and check the wiring.
The wiring of the digital control should be the same as the picture shown.
Please make sure every connection is correct and tight.



- b. If the machine still does not get hot, please exchange the whole digital control.
It might be defected.

C. There is smoke coming out from the plate.

It is normal situation if there is smoke coming out from the plate when you use the machine for the first time because the water in the sponge will vaporize. You can use the machine normally after a few minutes of heating.

V. Advices:

- ✓ Epson sublimation transfer printer is recommended to use with this machine.
- ✓ Compatible transfer papers can be purchased at most office supply stores and retailers.
- ✓ Light colors T-shirt transfer paper is suitable for transferring to white colored fabric.
- ✓ Dark colors T-shirt transfer paper is suitable for transferring to black/gray or any other colored fabric.
- ✓ Successful print requires right time, temperature and pressure, the thickness and material of the clothes, even the type of printing paper affect the performance of print.

Time and Temperature Reference Range for Cap/Mug/Plate/Platen Heat Press Machines:

Material/Transfers	Time (Sec)	Temperature (degrees Celsius)
100% Cotton Textile with T-shirt Transfer Paper	10-20	180-210
Chemical Fiber with Sublimation Transfer Paper	30-50	180-210
Ceramic Tile Transfer(Mug/Plate Transfer)	10-15	180-210

- ✓ Please read the directions on the transfers before setting the temperature and time. Certain transfers will offer ranges to be adjusted with the accommodation of more heat sensitive fabrics.

** Our recommendation only for general suggestions.

VI. Package Includes:

- ✓ 1x 4-In-1 Heat Press Machine Main Body
- ✓ 1x 12" x 12" Platen Press Attachment
- ✓ 1x 6" x 3 1/4" Cap Press Attachment
- ✓ 1x 3 1/4" diameter(16oz) Mug Press Attachment
- ✓ 1x 5" max diameter Plate Press Attachment
- ✓ 1x Power Connector
- ✓ 1x Silica-gel Sponge
- ✓ 1x Teflon sheet for Platen Press
- ✓ 1x Teflon sheet for Mug Press
- ✓ 1x Teflon sheet for Cap Press