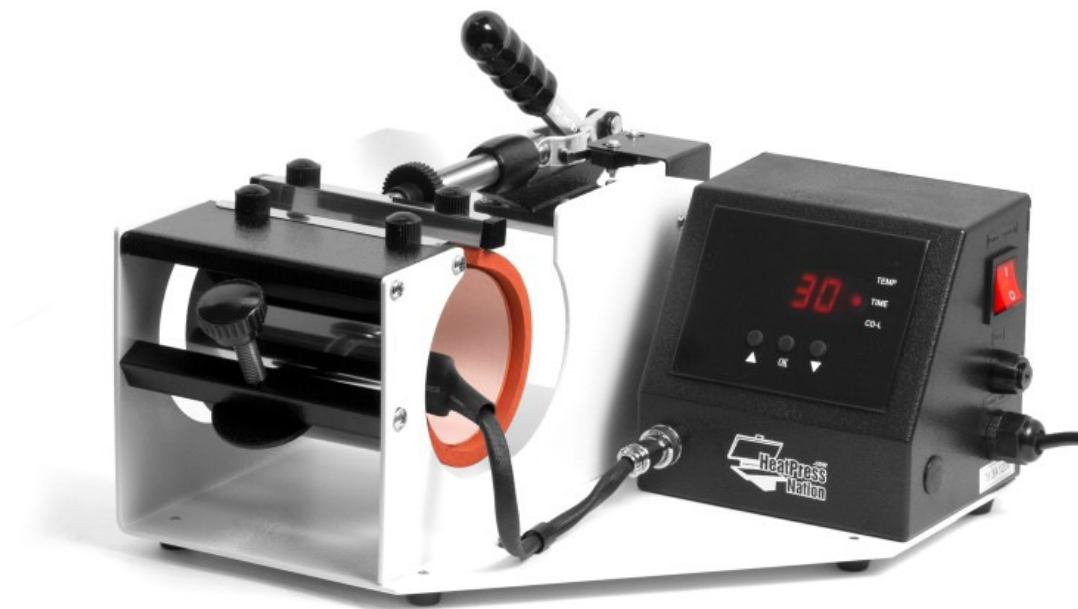




MPress Mug Press Manual

Model No. : MPRESS-MUG



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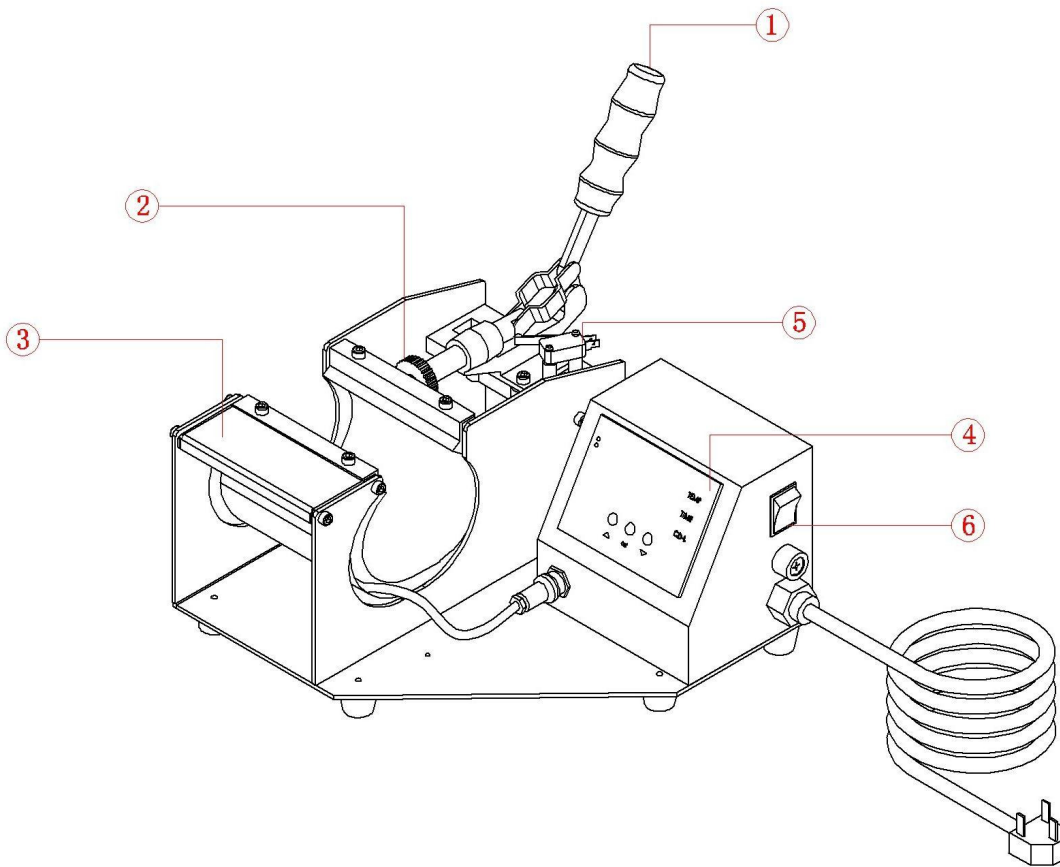
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I. Assembly Drawing



Handle Bar Grip
Timer Actuator

Pressure Adjuster
Power Switch

Mug Element

Digital Controller

II. Technical Parameters

1. Model No.: HPN-SIG-MUG

2. Machine Dimension:

- 12" x 12" x 6"

3. Compatible Mug Element Sizes :

- 11 oz, 15 oz

4. Maximum Print Size :

- 3.84" x 8.25"

5. Voltage: 120V 50/60 hz






6. Power: 300 W / 2.8A

7. Recommend Setting : 360F at 180-240 Seconds (White Ceramic Mugs)







8. Packing Size: 16" x 15" x 12"

9. Gross Weight: 16 lbs.

III. Operating Procedure

		
<p>Turn on power switch. The digital display shows OFF which means your machine will not heat up in this setting as a safety feature.</p>	<p>Press  button, and it will display F Fahrenheit. Press arrows “△” or “▽” to select “°C” to change to Celsius if preferred.</p>	<p>Press  button for the temperature mode. Select with the arrows for your temperature setting. (Maximum temp of 400.)</p>

2. Set time required

		
<p>Press  button after temperature setting. Select with arrows the time according to your transfer material settings. (Maximum time of 255.)</p>	<p>Press  button after time setting; the display will show Lo indicating that it is on the real time temperature mode. From here, your temperature will continually rise until it reaches your set temperature. It will show Lo until it reaches 215F and then the numbers will start to display. You can press  to preview the current temperature.</p>	<p>(DO NOT CHANGE THIS UNTIL TOLD TO BY A TECHNICIAN FOR WARRANTY PURPOSES.)</p> <p>Calibrating the Heat : Hold down OK until P5 shows to change variables. For example: If your IR gun shows 400F but your computer gauge display shows 380F, increase the numbers in P5 up a few numbers so that 380F will match up to 400F.</p>

IV. Printing methods

1. Set your time and temperature according to what the manufacturer recommends for that mug. White ceramic mugs usually cook at 360F at 180-240 seconds. Wait for the digital display to rise to exactly the set temperature.
2. Make sure your sublimation heat transfer paper is properly taped before inserting into the mug press heating element.
3. Close the handle down and make sure you have good pressure around the mug. You can adjust the pressure by turning the pressure knob.
4. After it is closed and locked in, locate the secondary pressure adjustment in front of the machine. Make sure the circular disc's lower portion is pressing up against mug's heating element. Increase that pressure knob as well so that you have both pressure adjustments locked in. During the sublimation process, your temperature will drop more than 40 degrees F while it is acclimating the heat.
5. As the timer counts down, be sure to remove the mug out of the press when its finished. Be sure to protect your hands as the mug will be very hot.
6. Remove the paper and tape immediately so that you may dip your mug in lukewarm water. This method is not required but it is generally recommended across the industry to seal and stop the sublimation process.

(Quick tip: Whenever you are trying to do a full bleed, we always recommend scooting the lower portion of your 11 oz mug a little more towards the center pressure adjustment. This is because 11 oz mugs slightly taper at the bottom to allow the poly coat to trip off when they are being manufactured. So you must do micro adjustments to make sure the tapered bottom is being pressed more firmly. Doing this method will allow you to print the lower portion without any type of fading.)

V. Troubleshooting

The machine turns on but no display

1. Open the back panel and inspect to make sure the green connector is properly connected into the computer gauge. Try disconnecting the connector and reconnecting it just to be sure.

Temperature of 491F instantly displays right when the machine is turned on

1. Turn the machine off, and try reconnecting the 4 pin connector that goes into the computer gauge.
2. If the problem persists, try connecting another heating element and see if you get the same error. This will determine whether it is a heating element or computer gauge issue.

The temperature continually heats up and does not stop at the set temperature

1. Open the back panel and look for a green computer board with a red LED. This board is considered the relay and it will shut off the heat when your temperature is reached at the right setting. If this light does not turn off and it continually heats up, this board will need to be replaced.
2. If the red LED light shuts off but the temperature still continues to rise and does not stop, the you will need to replace the computer gauge.

The temperature does not heat up when the machine is turned on

1. Make sure the 4 pin connector is properly connected.
2. Try another heating element to see if it is a computer gauge or heating element issue.
3. Open the back panel and inspect the green computer board to make sure the red LED is on when the machine is heating up. If the light is off, then you will need a replacement board.

Timer does not trigger when the handle is closed or open

1. Locate the timer actuator switch right by the handle.
2. Whenever the handle is closed, the handle should click into the timer actuator switch and when you open the handle, it should release from the actuator switch.
3. If it doesn't you can slightly bend the metal arm to allow it to be clicked in.
4. Make sure both wires are connected securely into this switch.
5. You can try click it manually yourself with your fingers to see if the timer actuator switch is even work. If it still does not activate, then you will need to replace this switch.

Machine turns off on its own

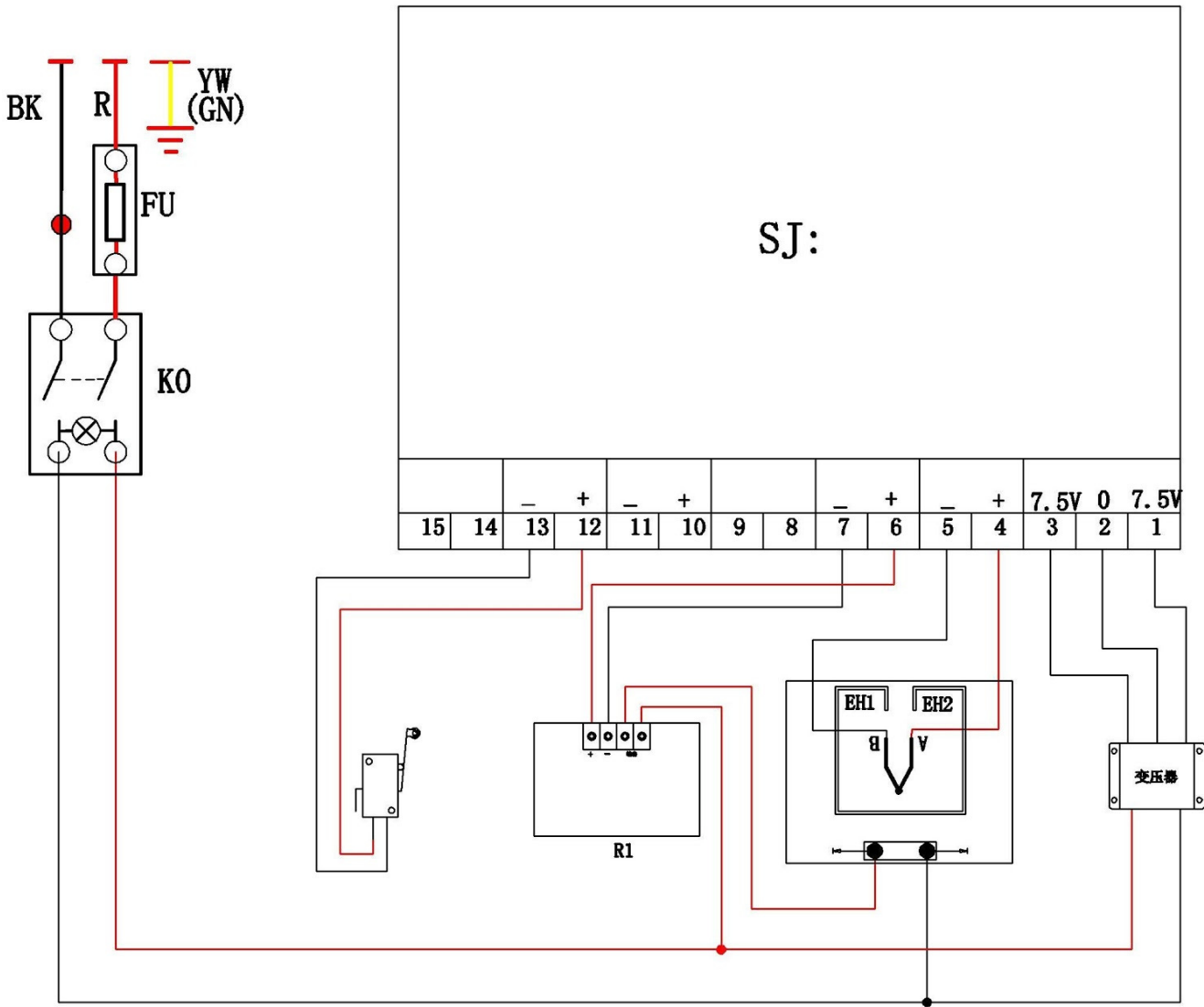
1. Open the fuse holder on the side of the machine with a Phillips screwdriver.
2. Inspect the ceramic fuse and make sure it is not blown.
3. If you see any burn marks, you will need to replace this 15A ceramic fuse.

Machine does not turn on after the Red Rocker Switch is flipped on

1. Open the back panel and make sure the wires that connect into the red rocker switch is securely connected.
2. A replacement red rocker switch will be needed if it still does not turn on.

***Please note, the heating elements have a certain amount of life to them. This is why they are considered a consumable product and they will need to be purchased every time a replacement is needed. We say, you can get anywhere between 500-1000 prints before they will need to be replaced. Unfortunately, these are not covered under the warranty.**

VI. Circuit Diagram



K₀: Power Switch

FU:Fuse

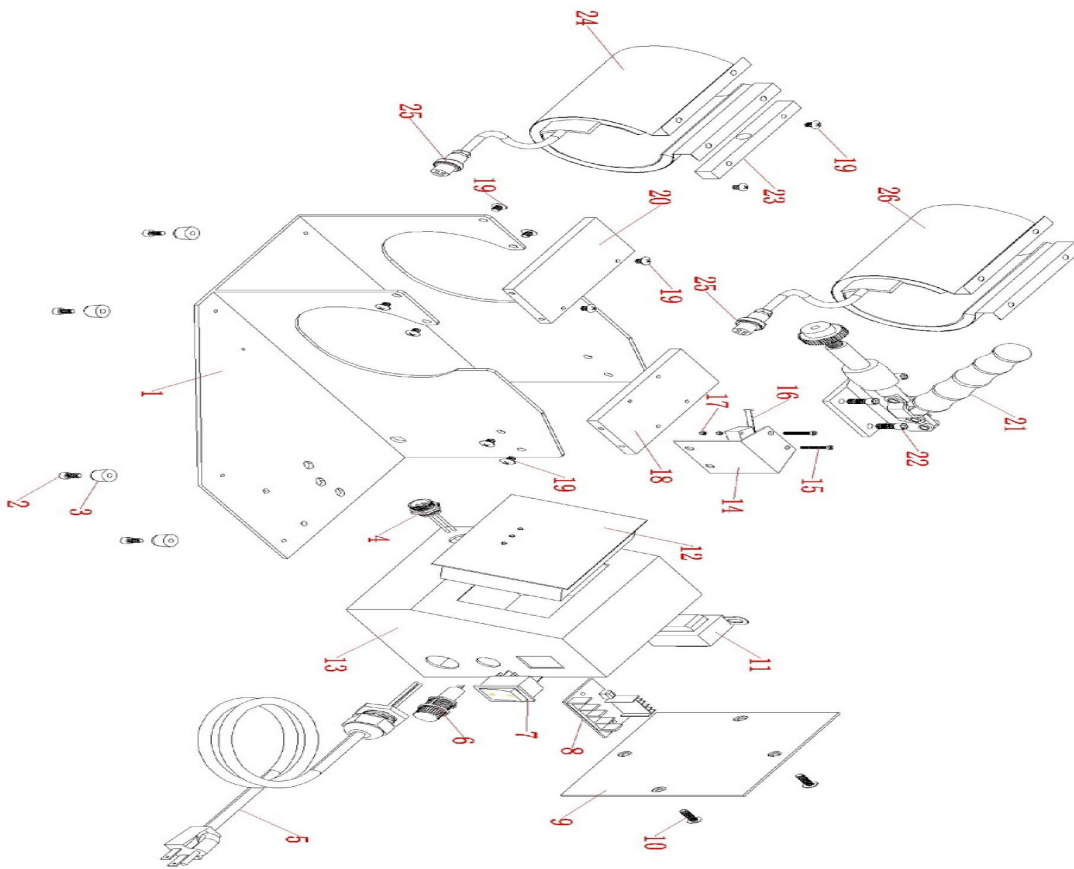
T: Transformer

EH₁,EH₂:Heating Pipe

SJ: Digital Controller

R1:Relay

VII. Explosion View



Serial No.	Part Name	Qty
1	Machine Base	1
2	Screw	5
3	Rubber Foot	5
4	Female Socket	1
5	Power Cord	1
6	Fuse	1
7	Power Switch	1
8	Solid State Relay	1
9	Electrical Case Cover	1
10	Screw	4
11	Transformer	1
12	GY-04 Digital Controller	1
13	Electrical Case	1
14	Limit Switch Cover	1
15	Screw	2

16	Limit Switch	1
17	Nut	4
18	Connect Board	1
19	Screw	12
20	Adapter Plate	1
21	Handle Bar Grip	1
22	Hex Head Screw	4
23	Heater Fixing Connector	1
24	Small Mug Heater	1
25	Male Socket	1
26	Big Mug Heater	1