

HEAT PRESS MACHINE USER MANUAL



Read Carefully Before Use
Keep for Future Reference

Safety Information

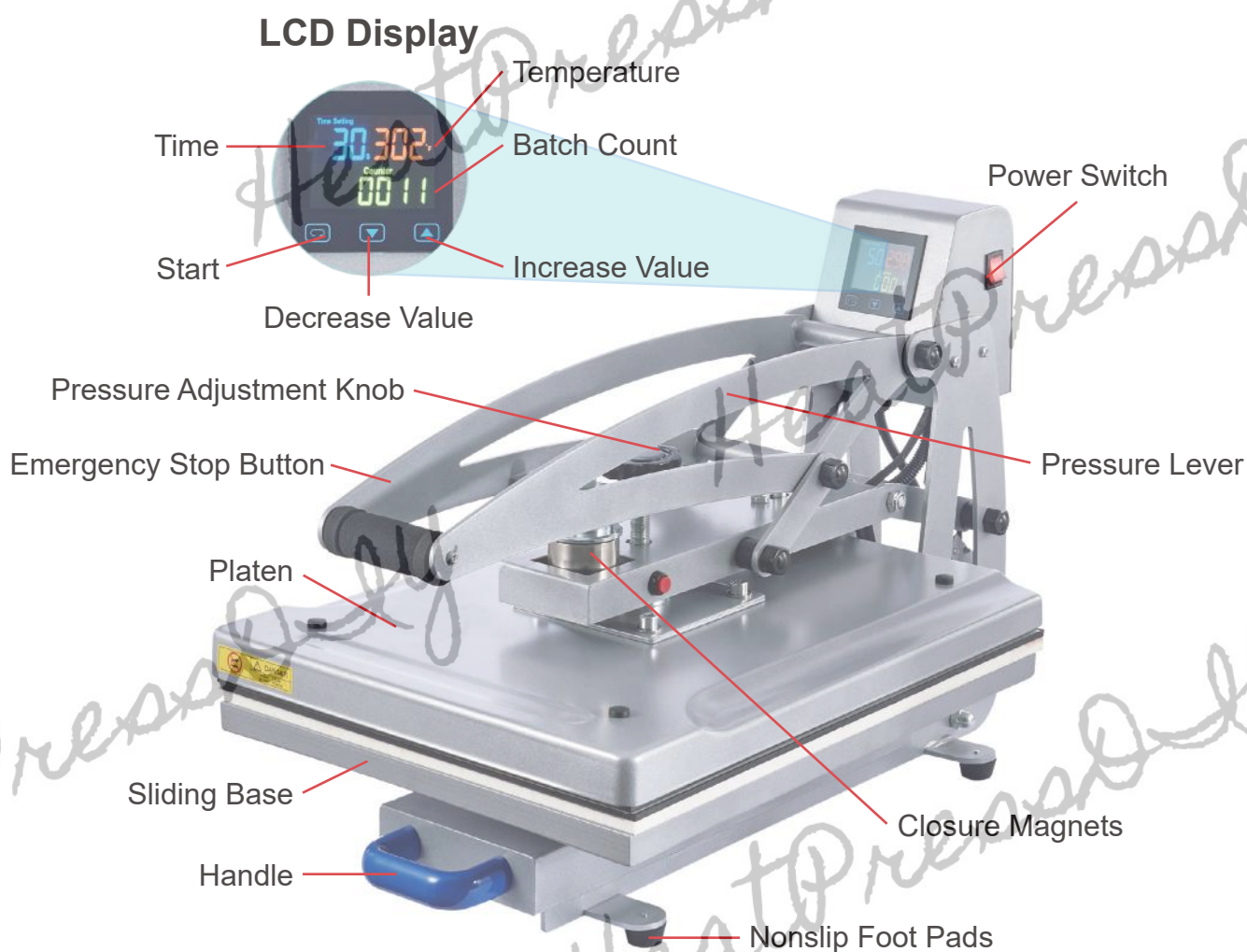
⚠ Warning!

- Use this device **ONLY** in accordance with these instructions and for its intended purposes.
- **ONLY** use with a grounded 3-prong power outlet. Do not use a 3-to-2 prong adapter or ungrounded power strip. If this device is used with an extension cord, ensure that its gauge can handle the power for this device without overheating.
- **DO NOT** allow people unfamiliar with this device or these instructions to operate it. Do not let children or persons with compromised physical or mental capabilities use this device without training and close supervision. Exercise caution when using near any bystanders and/or pets. Store out of the reach of children.
- **DO NOT** use this device while you are tired or under the influence of drugs, alcohol, or medication.
- Keep your work area clean and well lit. Cluttered or dark areas invite accidents.
- **DO NOT** operate this device in areas filled with explosive or flammable gases, liquids, or dust. **ALWAYS** keep this device away from any explosive materials such as gasoline, ethanol, lighters, batteries, chargers, firecrackers, and aerosol cans. Exercise caution during use on or near fabric objects, avoiding prolonged heating which might ignite the material. Keep a fire extinguisher nearby in case of accidents.
- Heat your substrate **ONLY** on the heat resistant mats placed on the sliding base. Close the press completely before heating begins. Do not hold your substrate in your hand or against your body during use.
- **DO NOT** touch any heated areas with any bare skin until allowing time for them to cool. For best results, wear proper personal protective equipment such as heat resistant gloves.
- **DO NOT** place other objects on this device at any time.
- **DO NOT** get this device wet or operate it with wet hands.
- **DO NOT** leave this device unattended during use.
- If power is lost during operation, turn off this device **IMMEDIATELY** and then unplug it until power is restored.
- **ALWAYS** unplug this device before any cleaning, servicing, or storage. Do not move this device by pulling on its power cord.
- **DO NOT** operate this device if it is damaged or shows signs of malfunction. Repair or replace problematic components before further use. Never replace any parts with non-identical ones.

Specifications

Model	CH1702
Rated Power	1600W
Input Power	110V/60Hz
Timer Range	0-999 sec. (16 $\frac{2}{3}$ min.)
Max. Temperature	400°F (205°C)
Heating Area	15 $\frac{3}{4}$ × 19 $\frac{2}{3}$ in. (40 × 50 cm)
Net Weight	79 lb. (36 kg)

Product Diagram



Package List

Item	Name	Qty.
A	Heat Press Machine	1
B	Power Cord	1
C	Protective Cloth	1
D	Protective Silicone Mat	1
E	Heat-Resistant Foam Mat	1

Operation

1. Open the device by lifting the pressure lever and slide out the base using its handle.
2. Place the foam mat (E) on the base.
3. Place the silicone mat (D) over the foam mat.
4. Lay the substrate that you will add your design to over the silicone mat, making sure it is clean, dry, flat, and well positioned.
5. Set the heat transfer paper holding your design at the desired location on your substrate, making sure the image is facing down and in full contact with the substrate and well centered on the base.
6. For best results, cover the heat transfer paper with the protective cloth (C).
7. Slide the base back into the device and lower the platen using the pressure lever.
8. Adjust the pressure if needed using the adjustment knob over the platen. Turn clockwise to increase the pressure and counterclockwise to reduce it.
9. Connect the machine to a compatible and well-grounded power supply. (Do not use a 3-to-2 prong adapter or ungrounded power strip.)

10. Turn on the press, flipping its power switch to **I**. The LCD display should turn on, displaying the default time and temperature settings (35 seconds at 400°F).
11. Press the start button and press or hold ▲ or ▼ to increase or decrease the temperature setting.
12. Press the start button again and press or hold ▲ or ▼ to increase or decrease the timer setting.
13. Press the start button a third time. The platen will heat and transfer your design while the timer counts down. When the timer sounds, raise the platen using the pressure lever and slide out the base using its handle.



If heating needs to be **IMMEDIATELY** stopped for any reason, use the emergency stop button on the side of the platen. Do not use the normal controls or attempt to pull out the plug.

14. Carefully and evenly remove the transfer paper from your substrate, which should retain your design. When you can safely handle it, move your substrate to another flat location to fully cool.
15. Make any necessary adjustments to the press's pressure, temperature, and timer and then complete any other work in the same fashion.
16. After your prints have fully dried, you can completely flatten them by reheating the press, spraying them lightly with clean water, and pressing them again.
17. When your current batch is done, remove the mats from the base and close the platen.
18. Turn off the press, flipping the power switch to **O**. Disconnect the device from its power source.

Settings for Common Materials

Operational time and temperature will vary for different materials. For best results, read the following table and try a small sample to get the right time and temperature before printing in large quantities.

Material	Usual Time	Usual Temperature	Notes
Cap/Hat	40 Sec.	330–350°F (180–190°C)	<ul style="list-style-type: none"> • Use heat transfer paper with the image printed in reverse format. • Try to keep the front of the cap/hat as taut as possible. • Print with medium pressure.
Cotton Clothing	30 Sec.	320–360°F (160–180°C)	<ul style="list-style-type: none"> • Use AW light heat transfer paper with the image printed in reverse format. • Ensure that clothing parts which are not heat-resistant (such as plastic buttons) do not touch the heated platen. • Print with high pressure. • Peel off the transfer paper quickly after printing to prevent it from cooling and sticking to your image.
Linen Fabric			<ul style="list-style-type: none"> • Use heat transfer paper with the image in reverse format. • Ensure that clothing parts which are not heat-resistant (such as plastic buttons) do not touch the heated platen. • Print with high pressure.
Chemical Fiber Fabric	20 Sec.	300–320°F (150–160°C)	<ul style="list-style-type: none"> • Use heat transfer paper with the image in reverse format. • Ensure that clothing parts which are not heat-resistant (such as plastic buttons) do not touch the heated platen. • Print with medium pressure.
Pillows	50 Sec.	340°F (190°C)	<ul style="list-style-type: none"> • Use heat transfer paper with the image in reverse format.
Typical White Non-Cotton Fabric			<ul style="list-style-type: none"> • Ensure that clothing parts which are not heat-resistant (such as plastic buttons) do not touch the heated platen. • Print with high pressure.

Maintenance

- Unplug your machine and ensure it has completely cooled prior to any cleaning or other maintenance.
- Check the parts of your machine for any wear or damage after use. Repair or replace any problematic parts before further use.
- Clean the exterior of your machine with a soft damp cloth periodically. Do not use abrasive cleaners or caustic chemicals.
- If your machine will not be used for an extended period of time, close the platen and store in a cool dry place inaccessible to children.

Troubleshooting

Possible Problems	Common Solutions
Burnt or blurry images	Decrease the operating time, temperature, and/or pressure.
Faded or colorless images	Increase the operating time, temperature, and/or pressure.

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