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Model: 110V, 4.7x4.7inch

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before operating the GDAE10 Digital Heat Press Machine. Failure to follow these safety guidelines may result in injury or damage to the machine.

- **Electrical Safety:** Ensure the machine is connected to a grounded 110V power outlet. Do not use extension cords that are not rated for the machine's wattage (600W). Disconnect power when not in use or before cleaning.
- **Hot Surfaces:** The heating platen reaches high temperatures (up to 250°C / 482°F). Avoid direct contact with the heating elements during operation and cool-down. Use heat-resistant gloves if necessary.
- **Ventilation:** Operate the machine in a well-ventilated area to dissipate any fumes that may be produced during heat transfer.
- **Children and Pets:** Keep children and pets away from the machine during operation and while it is cooling down.
- **Stable Surface:** Place the machine on a stable, heat-resistant surface to prevent tipping or accidental movement.
- **Flammable Materials:** Keep flammable materials away from the heat press.

2. PRODUCT OVERVIEW

The GDAE10 Digital Heat Press Machine is designed for applying heat transfers to various small-sized items such as stickers, labels, and clothing. It features precise temperature and time control for optimal results.

Components

- **Heating Platen:** The upper heated plate that applies heat and pressure.
- **Lower Platen:** The base plate where items are placed for pressing.
- **Control Panel:** Digital display for setting temperature and time.
- **Pressure Handle:** Lever to apply downward pressure.

- **Power Switch:** On/Off switch for the machine.
- **Handle:** For easy closing and opening of the press.
- **Raised Pads:** Ensure stability and prevent scratches.



Figure 2.1: Front view of the GDAE10 Digital Heat Press Machine, showing the heating platen, lower platen, and control panel.

HOW TO USE THIS HEAT PRESSING MACHINE?

Set Temperature

Press SET button

The display show SP

Press arrows "△" or "▽" adjust temp you need

Set Time

Press SET button after setting temp

Press arrows "△" or "▽" adjust time you need

Press SET button about 1-2 Seconds after time setting

Figure 2.2: Close-up of the digital control panel, illustrating the adjustable temperature and time settings.

Screen Type: LCD	Plug Type: US Standard
Power: 450W	Voltage: 110V
Frequency: 60Hz	Current: 10A
Temperature Range: 0-250°C/32-482°F	Time Range: 0-999s
Applicable Printing Item Size: 12*12cm/4.7*4.7in	



Figure 2.3: Detailed view highlighting the enlarged handle for ease of use and the raised pads for stability.

3. SETUP INSTRUCTIONS

- Unpack the Machine:** Carefully remove the heat press machine from its packaging. Retain all packaging materials for future storage or transport.
- Placement:** Place the machine on a sturdy, flat, and heat-resistant surface. Ensure there is adequate space around the machine for ventilation and safe operation.
- Power Connection:** Connect the power cord to the machine and then to a grounded 110V power outlet.
- Initial Inspection:** Before first use, inspect the machine for any visible damage or loose parts.



Figure 3.1: The heat press machine with its power cord and included instruction sheet, ready for setup.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Setting Parameters

1. Turn on the main power switch, usually located on the side or front of the machine. The digital display will illuminate.
2. Press the 'SET' button to enter temperature setting mode. Use the up and down arrow buttons to adjust the desired temperature (e.g., 180°C for clothing).
3. Press 'SET' again to confirm the temperature and enter time setting mode. Use the up and down arrow buttons to adjust the desired time (e.g., 15-50 seconds for clothing).
4. Press 'SET' one more time to confirm the time. The machine will begin heating to the set temperature.

Pillow Heat Press



Figure 4.1: Visual guide for setting the temperature and time parameters on the digital control panel.

4.2 Application Guidelines

Always perform a small test print on a sample material to determine the optimal temperature and time settings before proceeding with large quantities.

- **General Principle:** A heat press machine applies a transfer onto a substrate using high temperatures and pressures for a specific duration, embedding the transfer permanently.
- **Clothing (Fabric with Sublimation Paper):** Approximately 180°C (356°F) for 30-50 seconds.
- **Clothing (100% Cotton with Transfer Paper):** Approximately 180°C (356°F) for 15-20 seconds.
- **Other Small Materials (Stickers, Labels):** Start with lower temperatures and shorter times, gradually increasing as needed.

4.3 Heat Pressing Process

1. Prepare your item (e.g., T-shirt, hat, label) and the transfer design.
2. Place the item on the lower platen, ensuring it is flat and smooth.
3. Position the transfer design onto the item. You may use heat-resistant tape to secure it.
4. Lower the heating platen using the pressure handle until it firmly presses the item.
5. The timer will start automatically. Once the set time elapses, an alarm will sound.
6. Lift the pressure handle to release the heating platen.
7. Carefully remove the transfer paper (follow transfer paper instructions for hot or cold peel).
8. Remove the finished item and allow it to cool.

Hat Heat Press



Figure 4.2: Demonstrating the application of a design onto a t-shirt using the heat press machine.



Figure 4.3: The heat press machine is suitable for customizing hats with various designs.



Figure 4.4: The machine's versatility allows for applications on T-shirts, bags, mouse pads, and tiles.

5. MAINTENANCE

- **Cleaning:** Ensure the machine is unplugged and completely cool before cleaning. Wipe the heating platen with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the machine in a dry, dust-free environment when not in use.
- **Regular Checks:** Periodically check all screws and connections to ensure they are secure.

6. TROUBLESHOOTING

- **Machine Not Powering On:** Check if the power cord is securely plugged into both the machine and the outlet. Ensure the power switch is in the 'ON' position. Verify the outlet is functional.
- **Uneven Heating:** Ensure the heating platen is clean and free from debris. Verify that the item being pressed is laid flat and evenly distributed on the lower platen.
- **Transfer Not Adhering Properly:** Adjust temperature and time settings. Ensure sufficient pressure is applied. Check the specific requirements of your transfer paper and material.
- **Overheating/Error Codes:** If the machine displays an error code or appears to be overheating, immediately turn off the power and unplug the unit. Refer to the original manual for specific error code meanings or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	GDAE10
Model	Digital Heat Press Machine
Voltage	110 Volts
Wattage	600 watts
Product Dimensions	4.72"L x 4.72"W x 4.72"H (12cm x 12cm)
Item Weight	11 Kilograms (24.2 pounds)
Upper Temperature Rating	250 Degrees Celsius (482°F)
Recommended Uses	T-Shirt, Hat, Socks, Shoes, Transfer Stickers, Labels
Material	Paper, Cotton
Color	Black

8. WARRANTY AND SUPPORT

For any questions, concerns, or technical assistance regarding your GDAE10 Digital Heat Press Machine, please contact our customer service department.

- **Customer Service:** GDAE10 customer department will reply to your inquiries within 24 hours.
- **Warranty Information:** Please refer to your purchase documentation for specific warranty terms and conditions.