AIDARY

User manual
Heat Press Machine

AP2413

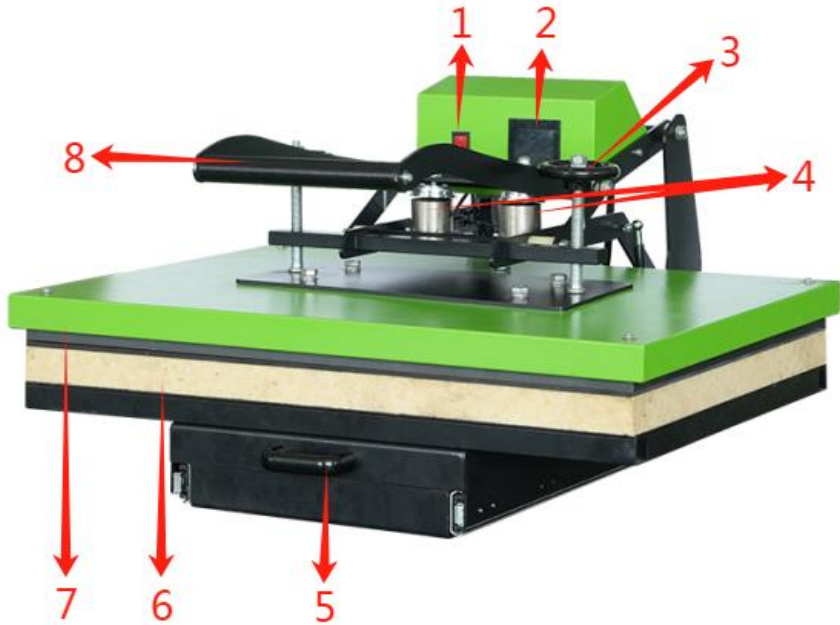# HEAT PRESS MACHINE

User Manual

Introduction
A heat press machine is using temperature and pressure with a certain amount of time to transfer images on items, the transfer is permanently embedded into the product.

Package Contents
1 × Heat Press Machine
1 × User Manual

Product Structure

1.Power switch	5. Slide-out bottom
2. LCD controller	6. Foam pad
3. Pressure knob	7. Heat platen
4. Electro-magnet	8. Press handle

1.Printing Methods

1. Make sure the power cord is well connected to the circuit breaker, then press the power switch to turn on.
2. Set the temperature and the time you want（See the temp&time setting sheet）
3. The buzzer will sound when the temperature reaches the setting temperature, place the object (e.g T-shirt) on press bed, and let the transfer paper upon the object, rotate the the pressure knob to get the right pressure required.
4. Press down the handle (meantime the sound will stop) and starts to transfer.
5. The buzzer will sound again when the scheduled time is up, then heat platen will lift up automatically.

2.Recommended Setting for the Object

SURFACE	PRESS TIME	TEMPERATURE	PRESSURE	TIPS
Fiber/Fabric/Polyster material	35-40 seconds	180°C(400 F)	40 PSI (Medium)	With sublimation paper
Pure cotton material	20-25 seconds	165°C-170°C	40 PSI (Medium)	With transfer paper
Mouse pad	25-30 seconds	180°C(400 F)	40 PSI (Medium)	With sublimation paper
Metal card /Aluminium card	20-25 seconds	180°C(400 F)	40 PSI (Medium)	With sublimation paper
These are approximate datas FYI				

3.Maintain Note:

1. Different item will require different temperature and time setting because the materials or thickness is different.
2. This machine is not suitable for children to use or for food processing.
3. Please turn off the machine and unplug the power cord when the machine is not in use.
4. The heat plate will automatically cool down to the room temperature if the heat press stays non-use for more than 60 minutes.
5. The heat-releasing fan will automatically starts when the temperature of heat plate reaches 80 °C (176 °F). It helps to reduce the temperature of electrical parts and prolong the service life of them

4.Troubleshooting:

No action after turn on the machine.
1. Check the power cord whether it connects well or the connection way was wrong.
2. Check the power switch or the controller whether it is broken.

The display screen is working well but the temperature is not going up.
Check if the Contactor has click sound, if no, which means the controller broke, if yes, the Contactor or the heat platen broke, please contact us for further solution.

The temperature is out of control: Set temperature 180°C (356°F)，but the actual temperature is above 200°C (392°F)
The inner parameters of the controller have been changed, just set it to default parameters will solve the issue.

The controller doesn't count down after press down the handle.
Check the limit switch, the cable has loosen or the limit switch has broken.

The print color is pale or faded image
The pressure is not high enough or The temperature is too low / pressing time is too short.
Please adjust the pressure/ temperature or increase the heating time.

The print color is too Darkened, deep or blurred image
The temperature is too high / or pressing time is too long.
Please adjust the temperature or reduce the heating time.

The print color is different/ partial transfer effect is not good enough
Pressing time is too short/ using poor quality transfer paper.
Please increase the heating time or use high quality transfer paper.

The transfer paper stick to the object after transfer
The temperature is too high / use poor quality transfer paper.
Please adjust the temperature or use high quality transfer paper.

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