# **AIDARY**

User manual

**Heat Press Machine** 

HP230C-1

## **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**

Heat Press Machine x 1 User Manual x 1 Cable x 1

## **Product Structure**



1.Power Switch	4. Handle	
2. LCD controller	5. Heating plate	
3. Pressure Knob	6. Silicon mat	
7. Bottom plate		

## 1.Printing Methods

- 1. Make sure the power plug is well connected to the wall socket, 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 lift up the handle, the

## 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:

- 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 30 minutes.
- 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 plug whether it connects well or whether it is broken.
- 2. Check the fuse whether it has been burnt out.
- 3. Check the power switch or digital controller whether it is broken.

#### Indicating light is on but the display screen is black.

Check the 5 cable of railway transformer. The connection is poor if it is loose, just fix it. The transformer may be faulty if the cable is well connected just fix it.

#### The display screen is working well but the temperature is not heating up.

- 1. Check if the indicating light of solid-state relay is on, if not, please check whether the relay or digital controller is broken.
- 2. The heat platen still can't heating up if you already changed the new solid-state relay, please check whether the heat plate is faulty or the heat plate's power cable is loose, if

so, it will need to change a new heatplate.

## The temperature is out of control: Set temperature $180^{\circ}C(356^{\circ}F)$ , but the actual temperature is above $200^{\circ}C(392^{\circ}F)$

- 1. It means the solid-state relay is broken, out of control, need to change a new relay.
- 2. Or the digital controller is faulty, need to change controller.

#### 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

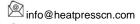
Pressing time is too short/ using poor quality transfer paper.

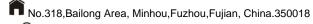
Please increase the heating time or use high quality transfer paper.

## The transfer paper stick to the object after transfer

The temperature is too high / use poor quality printing transfer paper Please adjust the temperature or use high quality transfer paper.

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