

## 5. The temperature is out of control: Set 180 °C, but the actual temperature is above 200 °C.

- 1). It means that the solid-state relay is broken and out of control. Please replace the relay.
- 2). Or there is something wrong with the digital controller. And it keeps conveying electric to the relay. Please replace the controller.

## 6. The set temperature and time become abnormal after changing the mug heater.

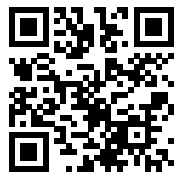
- 1). Please reset the temperature and time according the operation process manual.

## 7. Other tips

- 1). In order to prolong the machine service life, please add the lubrication oil regularly to the joints.
- 2). In order to maintain good transfer effect, please protect the mug heater carefully whenever you are using it or not.
- 3). Please keep the machine in a dry place.
- 4). The mug heaters belong to consumables. You need to replace it with a new one after doing transfer printing for about 2000 times.
- 5). If you are not able to solve the electrical parts problem, please kindly contact the supplier and get technical support.

## Trouble Shooting for Transfer Printing Quality

1. If the printing color is pale: the temperature is too low, or the pressure is not correct or not pressed long enough.
2. If the printing color is too brown or the transfer paper is almost burnt: reduce the set temperature.
3. If the printing image is blurring: too much transfer time causes proliferation.
4. If the printing color is different or partial transfer effect is not good enough: the pressure is not enough or not pressed long enough, or the quality of the transfer paper is poor.
5. If the transfer paper sticks to the object after the transfer process: the temperature is too high, or the quality of the printing ink is poor.



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# JTrans<sup>®</sup> Plus AUTOMATIC MUG PRESS

USER MANUAL

Item No.: PLUS-KBJQ1 / PLUS-KBJQ2

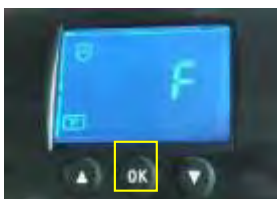


### Technical Parameters

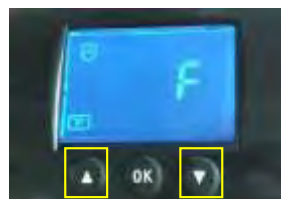
1. Item No.: PLUS-KBJQ1 / PLUS-KBJQ2
2. Power: 260W
3. Voltage: 220V / 110V
4. Heater Size: With  $\phi 7.5-\phi 9.0\text{cm}$
5. Machine Dimension: 380\*265\*250mm
6. Recommended Setting: 30~280 seconds; 180~200°C/356~392°F
- Time Range: 0~999 seconds
- Maximum Temperature: 230°C/446°F
7. Packing Size: 380\*265\*250mm
8. Gross Weight: 5.5kg

## Operation Process

### 1.To set required temperature



Turn on the power switch and the temperature light is on.



Press "OK" button and the C/F light is on. Press " $\Delta$ " or " $\nabla$ " to select "°C" (°C denotes Celsius) or "°F" (°F denotes Fahrenheit) according to your habits.



Press "OK" button and the temperature light is on. Set the temperature according to different transfer materials (such as 360°F).

### 2.To set required time



Press "OK" button after setting the temperature and the time light is on. Set the time according to different transfer materials (such as 260 seconds).



Press "OK" button after setting the time and the display screen shows that the temperature starts to rise. When the temperature rises to the set temperature, the buzzer will sound. Then put in the mug and the transfer process starts.



When the mug heater starts to transfer, the time will start to count down. When the set time is up, the mug heater will open automatically and start the next cycle.

**NOTE:** This digital controller has a press counter. You can press " $\nabla$ " for 5 seconds for zero clearing.

### 3.Printing methods

- Step 1: Press "OK" button, " $\Delta$ " or " $\nabla$ " to set the temperature and time.
- Step 2: Use the heat resistant tape to fix the transfer paper. Make sure the transfer paper is exactly attached to the mug.
- Step 3: When the temperature rises to the set temperature, the buzzer will sound. Then put the mug into the mug heater. When the mug touches the button switch, the mug heater will close automatically.
- Step 4: Then the time counter is on. When the set time is up, the mug heater will open automatically. Take out the mug and the transfer process is finished.

### 4.Recommended printing parameters:

Ceramic mug transfer parameters: 180°C and 150 seconds.

## Maintenance

### 1. No reaction after turning on the machine.

- 1). Check whether the plug connects well or whether it is broken.
- 2). Check whether the power switch or digital controller is broken.
- 3). Check whether the fuse has burnt out.
- 4). The indicator light is on, but there is nothing on the screen. Please check the cord of the transformer. If it is loose, the problem is the poor connection. If it connects well, there is something wrong with the transformer.

### 2. The display screen is working well, but there shows no temperature increasing on the mug heater.

- 1). Check whether the thermocouple of the mug heater connects well. If the thermocouple is loose, the screen will display 255°C and the machine will keep beeping.
- 2). Check if the indicator light of the solid-state relay is on. If not, check if the relay or digital controller is broken.
- 3). If you have already replaced the solid-state relay with a new one, but the mug heater still cannot heat up, check if there is something wrong with the mug heater or the power cord of the mug heater is loose. If so, please replace the mug heater with a new one.

### 3. The screen displays 255 °C once powered on.

- 1). Check whether the thermocouple is loose.
- 2). If the thermocouple connection is good, but the screen still shows 255°C, there must be something wrong with the display screen.

### 4. The machine is heating up during 0 ~ 180 °C, but the displayed temperature jumps above 200 °C or 300 °C suddenly or jumps irregularly.

- 1). Check whether the thermocouple of the mug heater connects well.
- 2). If the thermocouple connection is good, it means that the program of the digital controller is broken, which also means the IC is broken. Please replace the controller with a new one.