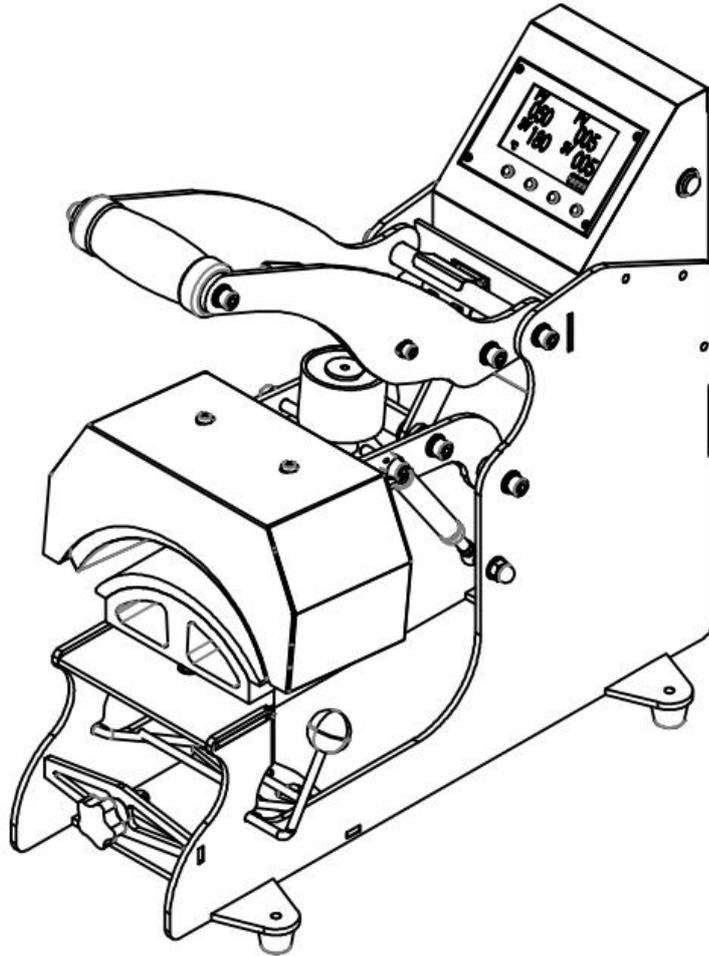


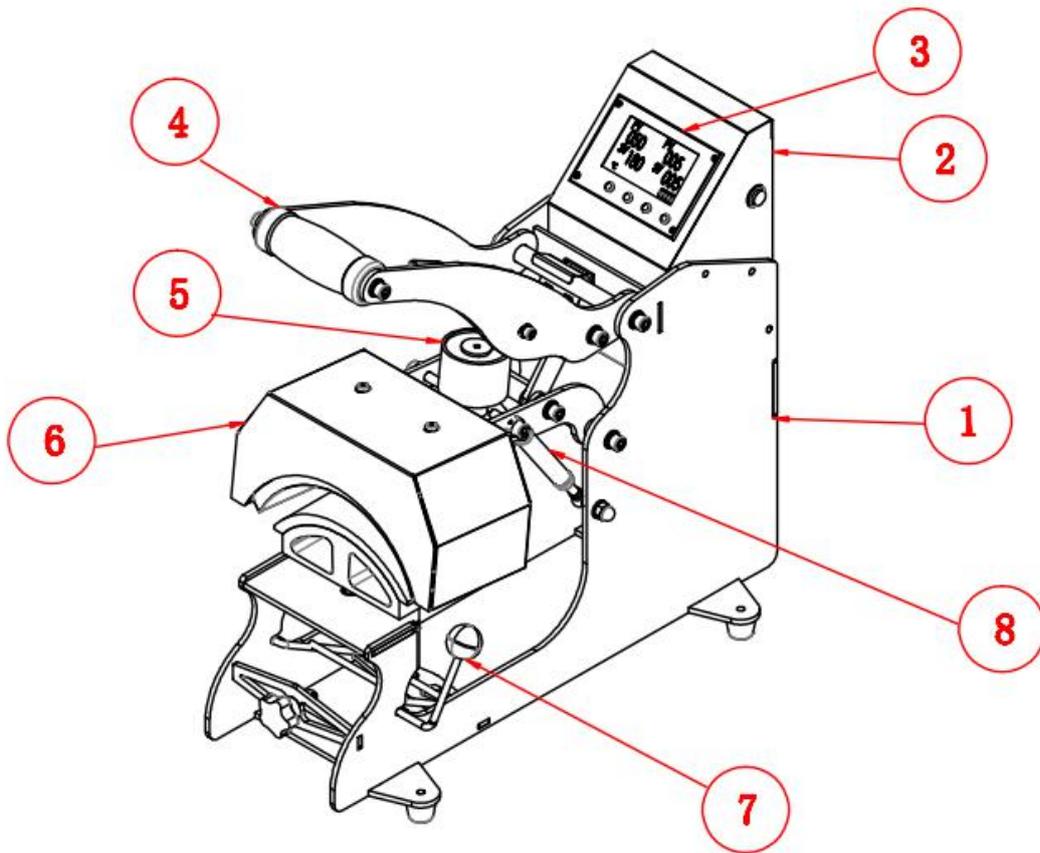
# Auto Open Cap Heat Press Model No.: SKVA1060



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# I. Assembly Drawing



1.Rack Component	2.Electric Case	3.GY-06 Controller	4.Handle Component
5.Electric Magnets	6.Cap Heat Element	7.Cap Rack	8.Pneumatic Spring

## II. Technical Parameters

Machine Type:Auto Release, for Caps

Platen Size: 78\*125mm

Under Plate: Changeable

Base Plate Size: 72\*138mm,78\*125mm

100\*138mm & 102\*161.5mm

Controller: GY-06 Digital Time & Temp. Control

Gas Spring Control: Yes

Voltage: 120V/ 220V

Power: 500-1000W

Time Range: 0-999 sec.

Maximum Temp: 225 C

Temperature Accuracy:  $\pm 5$  C

### III. GY-06 Controller Operating Process

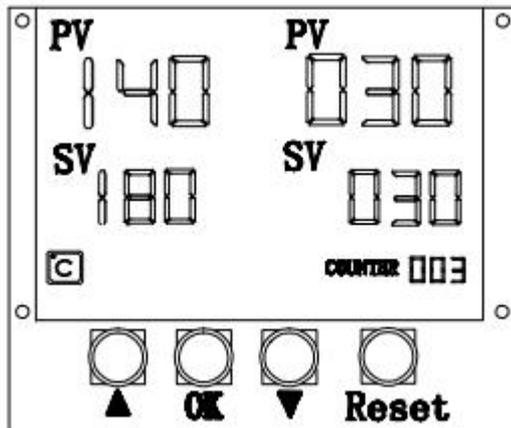
1. When you turn on the heat press machine, the display shows as below:

PV (left): Present temperature value

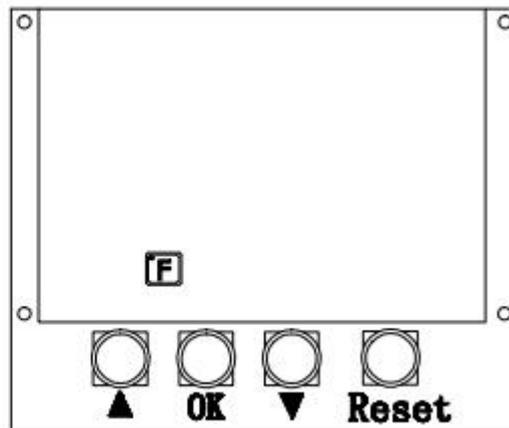
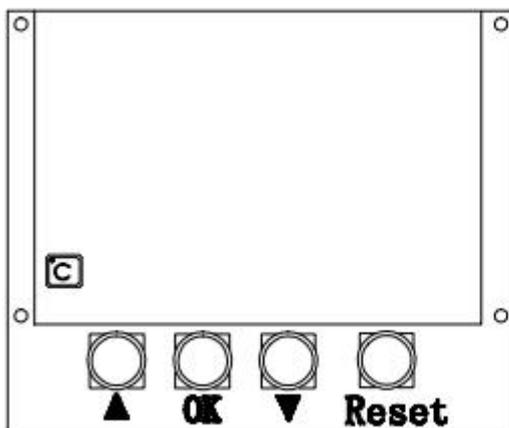
PV (right): Present time value

SV (left): Set temperature value

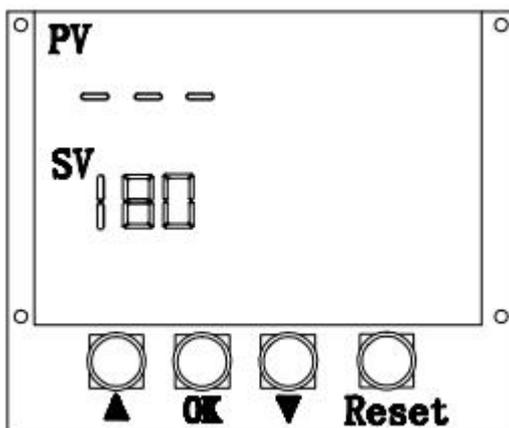
SV (right): Set time value



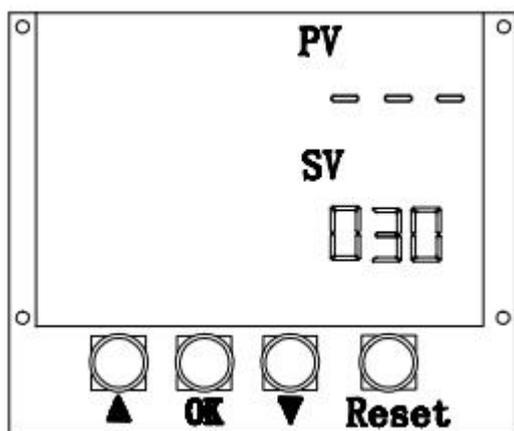
2. Press the "OK" button will shows the degrees Celsius "C". You could use the Up or Down button to switch between degrees Celsius and degrees Fahrenheit.



3. Press "OK" button to enter TEMPERATURE setting. When the TEMP indicator SV(left) blinks, use Up/Down button to set the required temperature. (Temperature adjustable range: 0-225 °C/ 0-437°F)



4. Press "OK" button to enter TIME setting. When the TIME indicator SV(right) blinks, use Up/Down button to set the required time. (Time adjustable range: 0-999S)



5. After finishing above-mentioned settings, press "OK" button to enter the heating mode.

6. If you need to adjust the settings during the heating mode, you could repeat step 2 to step 5 to do the adjustment.

7. Long press "Reset" button for 3 to 5 seconds, the COUNTER value will blink, then clear to "0".

8. Press down the heating platen to start, the time will begin to count down. When the time is left to 3 seconds, the buzzer will warn. When the time is over, the transfer process is complete.

9. Long press "OK" button for 4 to 5 seconds, the controller will enter the engineering mode:

P-1 mode: Temperature difference calibration mode (range-50~+50)

P-2 mode: Intermittent setting in advance mode (range01~50)

**Pb mode:** Countdown of buzzer sound mode

1: After the time reaches 0, it starts to beep and keeps beeping until you open the machine. Please set Pb as 02.

2: Start to beep 3 seconds ahead of schedule and keep on beeping until you open the machine. Please set Pb as 01.

3: No sound. Please set Pb as 00.

**Cnt mode:** display Odometer, a counter that increments whenever the count-down timer is started.

After 65535999 is counted, Cnt flashes; it cannot be cleared to 0.

**Ant mode:** display hours on, keep track of the number of hours that the heat press has been turned on.

After 65535h 999m, Ant flashes; it cannot be cleared to 0.

After finishing above-mentioned settings, press "OK" button to enter the display.

Kindly note: for the engineering mode adjustment, please under supplier's guidance.

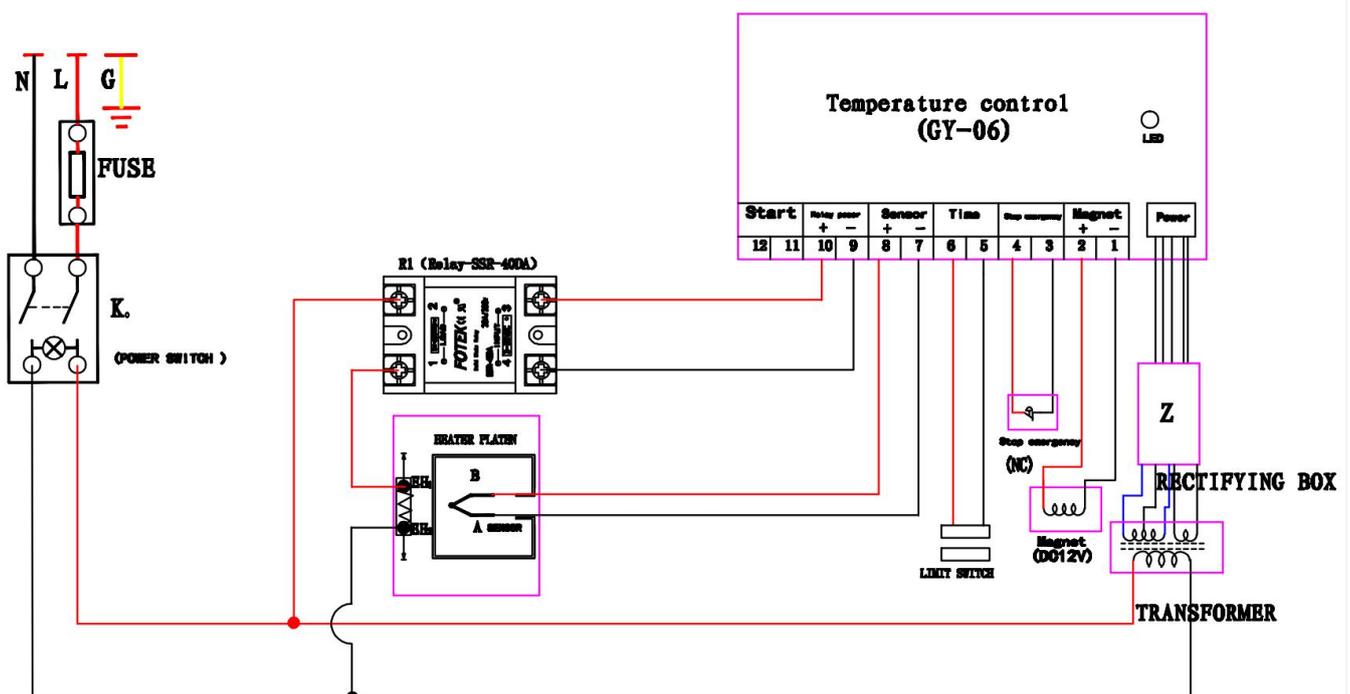
## IV. Maintenance

1. In order to prolong the machine service life, please add the lubrication oil on the joints regularly .
2. Turn off the power before changing spare parts. In order to ensure the accuracy of the parameter of GY-06 controller, please re-set the time and temperature.
3. To avoid damage, please keep the heaters well when change the spare parts.

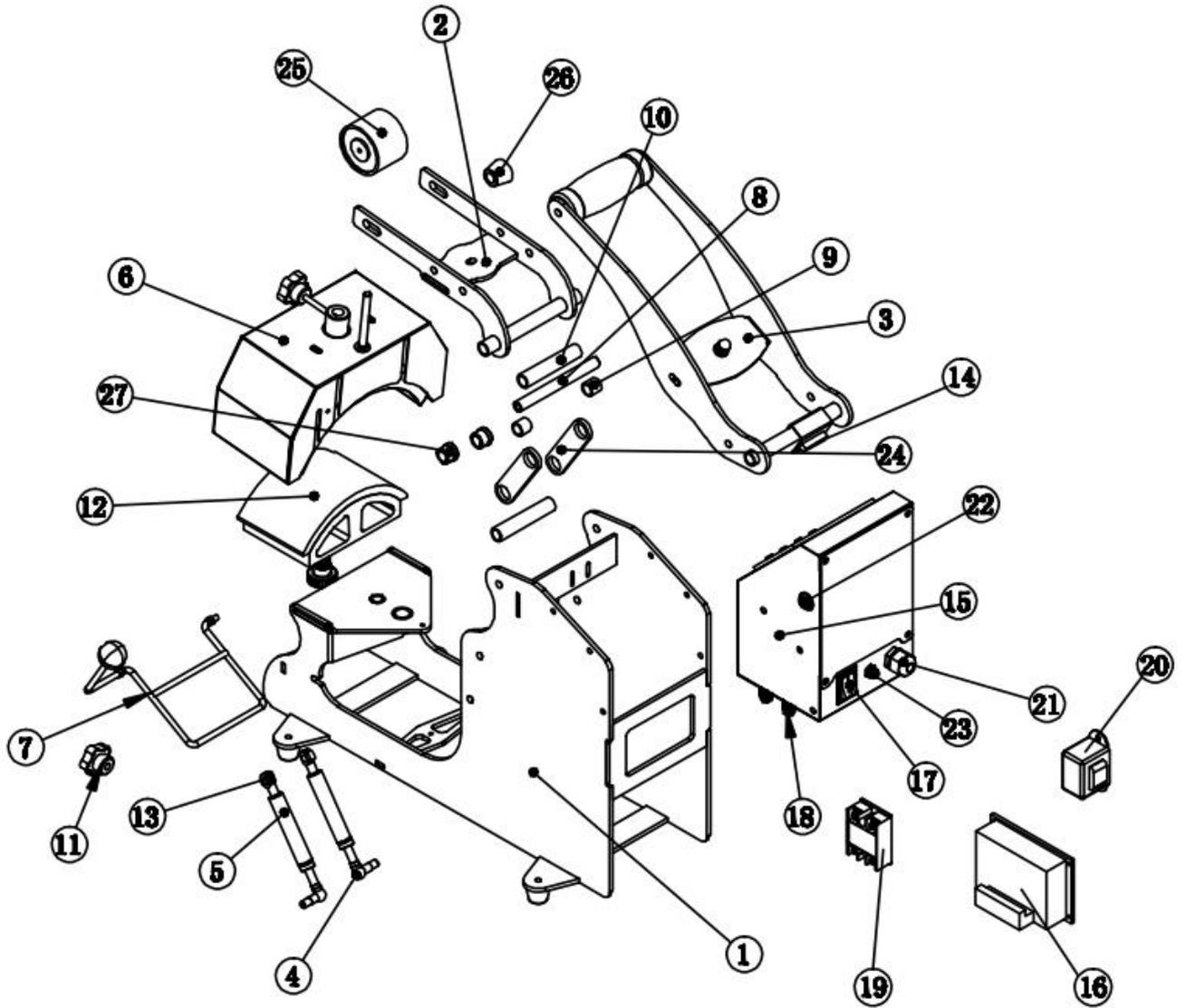
## V. Trouble shooting for transfer print quality

1. After changing heat platen, time and temperature showing become abnormal:  
Solution: refer to manual and make time/temperature reset.
2. If the color is not as bright as photo after printing, please try below ways:
  - a. adding transfer time
  - b. increasing transfer temperature.
3. If the print color is too brown or the transfer paper is almost burnt: need to reduce the setting temperature.
4. If print color is different/ partial transfer effect is not good enough: the pressure is not enough / or not pressed long enough / or poor quality transfer paper.
5. If machine gets not working, please contact supplier as soon as possible to get technical support. And then deal with machine according to supplier's guidance

## VI. Circuit Diagram



## VII. Explosion View



No.	Part Name	Qty
1	Welding machine rack	1
2	Crane arm	1
3	Handle	1
4	Pneumatic springs	2
5	Pneumatic spring rod	2
6	Cap Heat Element	1
7	Cap Rack	1
8	Movable fulcrum	1
9	Isolating sleeve	2
10	Intermediate isolating sleeve	2
11	M8 5-star hand wheel	1
12	Cap under platen	1
13	Gas spring washer plug steel	2
14	Door magnetic switch	1

No.	Part Name	Qty
15	Control electric box	1
16	GY-06 Controller	1
17	Rocker switch	1
18	Small four core aviation plug set	2
19	Relay	1
20	Transformer	1
21	Power cord base	1
22	Emergency button	1
23	Breaker	1
24	Connector	2
25	Electromagnet	1
26	Taper foot	1
27	Strengthening movable fixed sleeve	2