

# Operation Manual

(Galaxy Air Mug4 GS-204)

## Safety Instructions

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**When using your heat press,  
basic precautions should always be followed,  
including the following:**

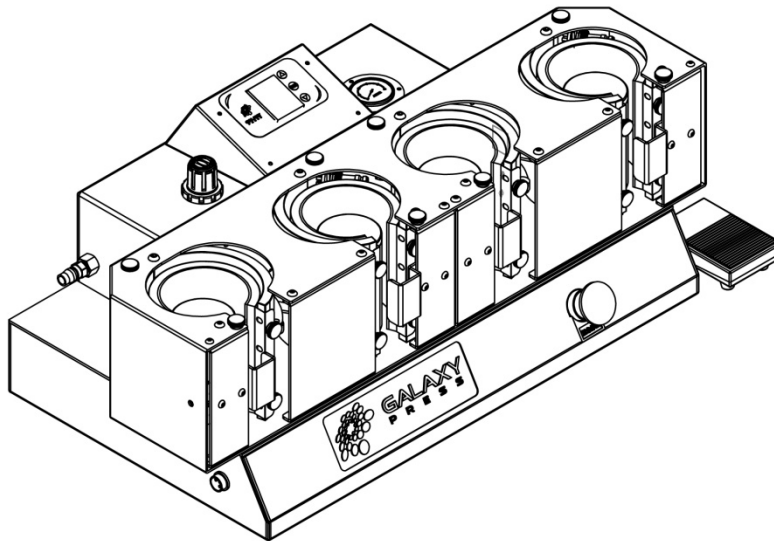
1. Read all instructions.
2. Use heat press only for its intended use.
3. To reduce the risk of electric shock, do not immerse the heat press in water or other liquids.
4. Never pull cord to disconnect from outlet, instead grasp plug and pull to disconnect.
5. Do not allow cord to touch hot surfaces, allow heat press to cool completely before storing.
6. Do not operate heat press with a damaged cord or if the equipment has been dropped or damaged. To reduce the risk of electric shock, do not disassemble or attempt to repair the heat press. Take it to a qualified service person for examination and repair. Incorrect assembly or repair could increase the risk of fire, electric shock, or injury to persons when the equipment is used.
7. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
8. Close supervision is necessary for any heat press being used by or near children. Do not leave equipment unattended while connected.
9. Burns can occur when touching hot metal parts.
10. To reduce the likelihood of circuit overload, do not operate other high voltage equipment on the same circuit.
11. If an extension cord is necessary, then a 20 amperage rated cord should be used. Cords rated for less amperage may overheat. Care should be taken to arrange the cord so that it cannot be pulled or tripped over.

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## Technical Parameters

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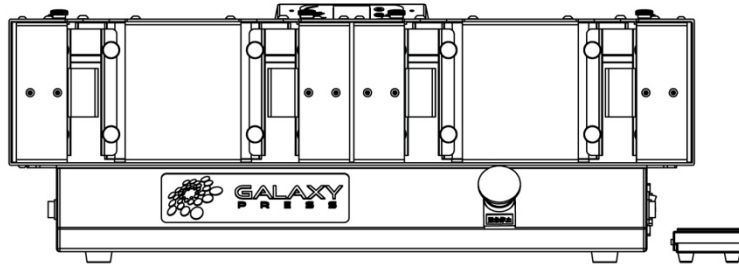


Model:	GS-204
Heater Size:	Dia.7.5~9cm for 11oz heater
Power(120volt)	1200W/10.9Amps
Power(240volt)	1200W/5.5Amps
Temperature Range:	Max.221 °C/430°F
Time Range:	0~999S
Machine Size:	65 × 34 × 23cm
Packing Size:	70 × 41 × 32cm
Packing Weight:	30kg
Certificate:	CE,FCC
Warranty:	One year on whole machine except heaters

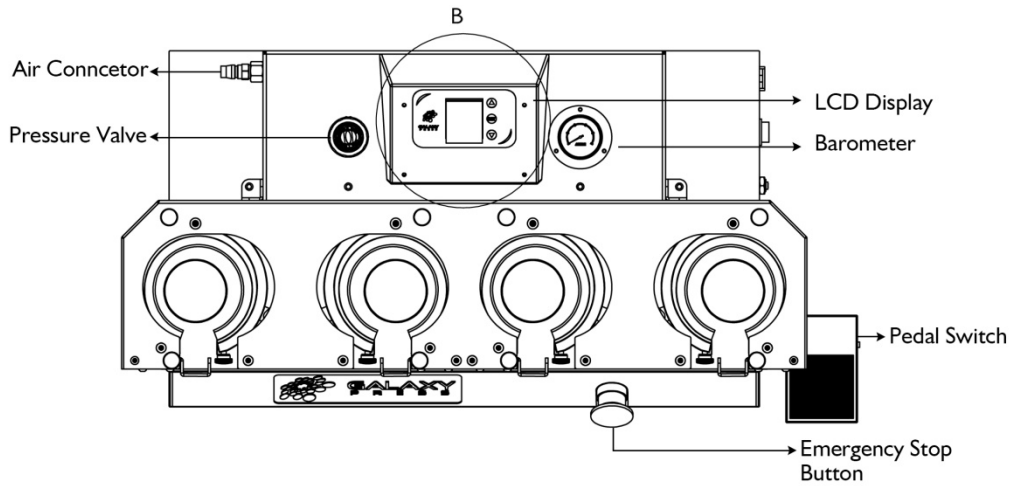
# Machine View

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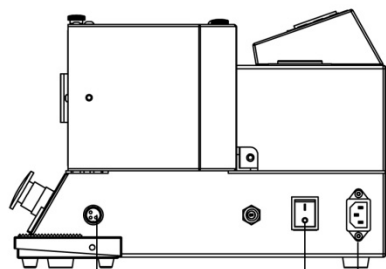
## FRONT VIEW



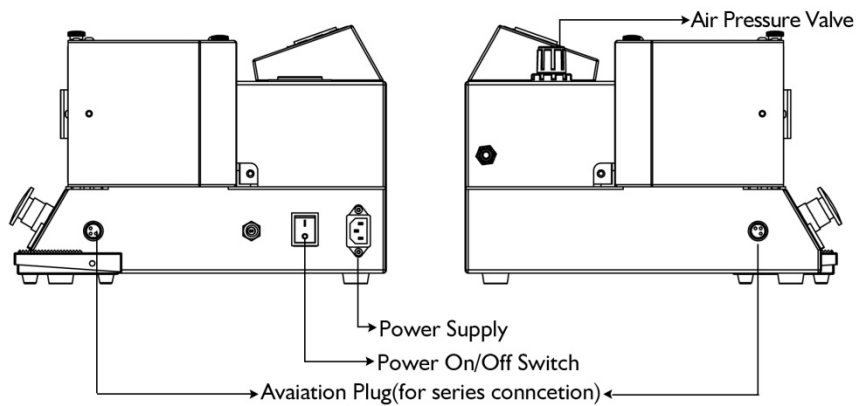
## TOP VIEW



## SIDE VIEW-1

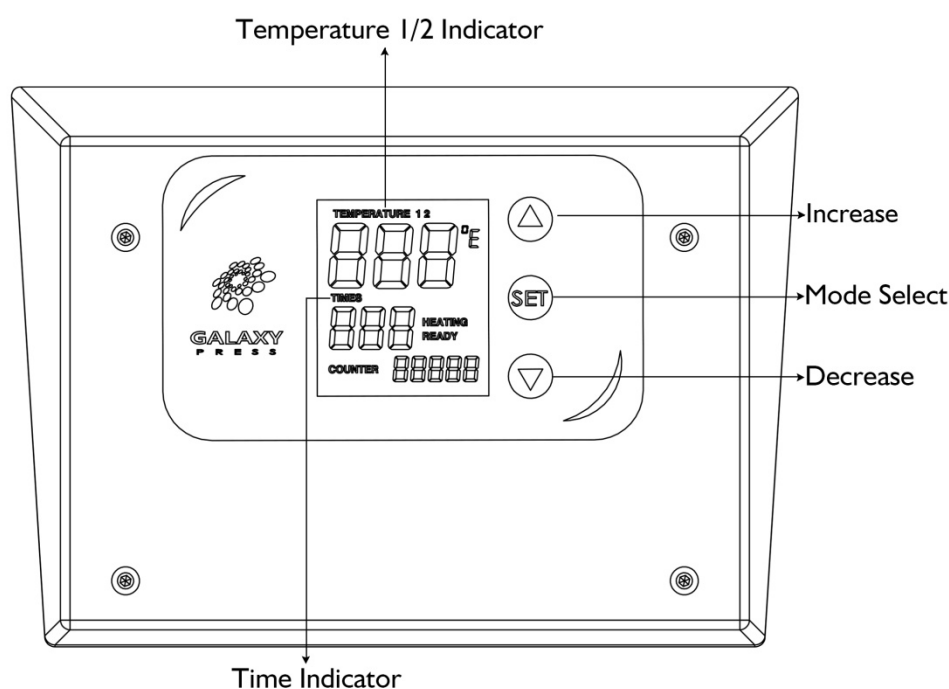


## SIDE VIEW-2



## Control Panel Guide

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## Operation Instructions

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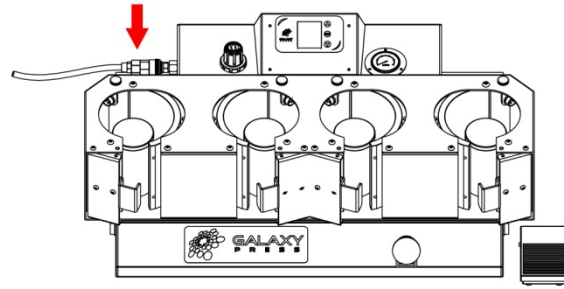
### 1. Connecting the System

- **CONNECT THE POWER CORD**  
Connect the power cord into a properly grounded electrical outlet with a sufficient amperage rating.
- **VOLTAGE**  
120 Volt – The Galaxy Air Mug4 GS-204 requires a full 20 amp grounded circuit for 120 volt operation.  
240 Volt – The Galaxy Air Mug4 GS-204 requires a full 10 amp grounded circuit for 240 volt operation.
- **EXTENSION CORDS** If used, should be as short as possible and not less than 12 gauge. Heavy duty cords are recommended.
- **CIRCUITS** that have less than 15 amps or that have other high demand equipment or appliances (especially more than one heat seal machine) plugged in, should not be used.

**NOTE:** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid hazard.

- **CONNECTING THE AIRCOMPRESSOR**

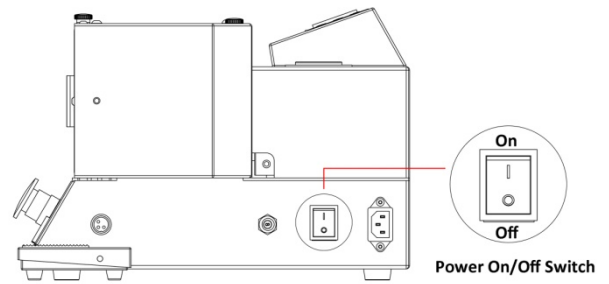
- Connect the Air Hose from your air compressor into the Air Connector located on the side of the press. (fig.1.1)



1.1

## 2. Turn On the System

- Switch on the system. (fig.2.1)



2.1

## 3. Adjusting the Temperature (refer to control panel guide)

Locate the LCD Display on the Press

3.1 Press the Mode Select button located in the center of the Control Panel. "Temperature 1" lights located in the display will illuminate indicating you are in the adjust temperature 1 mode (fig.3.1).

3.2 Next, press the (-) button to lower the temperature setting, or press the (+) button to raise the temperature setting. The temperature can be set from 0° C (0° F) to 160° C (320° F)

3.3 Press the Mode Select button second time "Temperature 2" lights located in the display will illuminate indicating you are in the adjust temperature 2 mode. (fig.3.3)

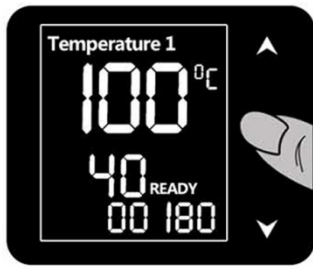
3.4 Next, press the (-) button to lower the temperature setting, or press the (+) button to raise the temperature setting. The temperature can be set from 0° C (0° F) to 200° C (392° F)

## 4. Adjusting Time (refer to control panel guide)

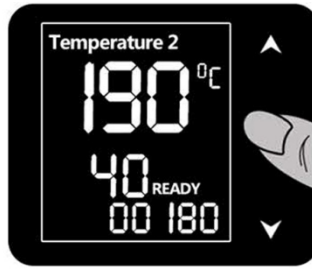
Locate the LCD Display on the Press

4.1 Press the Mode Select button third time. "Time" lights located in the display will illuminate indicating you are in the adjust temperature 2 mode. (fig.4.1)

4.2 Next, press the (-) button to lower the value, or press the (+) button to raise the time value. The time setting range can be set from 0~999.



3.1



3.3

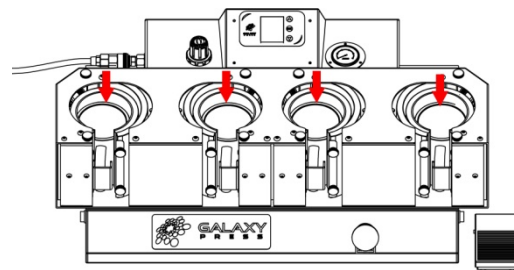


4.1

NOTE: The LCD will display changes as you make them.

## 5. Printing And Pressing

- Once your equipment has reached the designated temperature, put mugs inside machine (fig. 5.1)

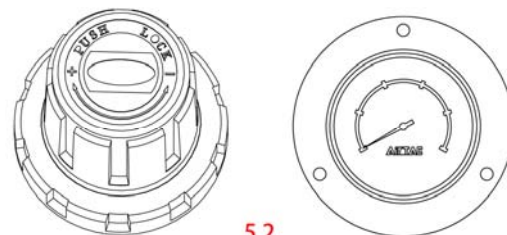


5.1

- Set pressure by adjusting pressure valve, pull up the valve then clockwise turning to increase pressure, anti-clockwise turning to reduce pressure. Pull down the knob after setting (fig. 5.2)

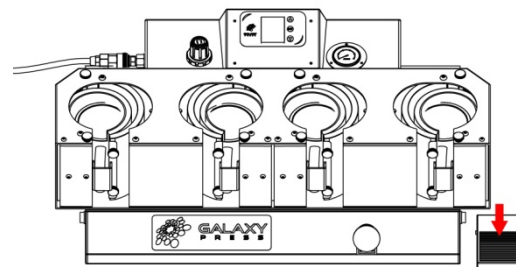
Suggesting pressure range: 4-6

**Attention: Maximum pressure must be less than 7**



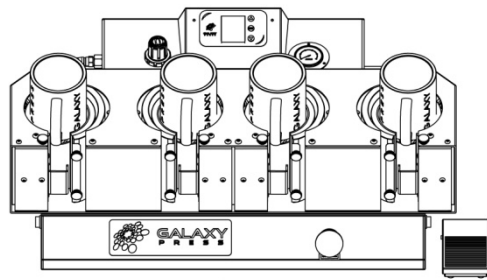
5.2

- Press the foot pedal once time, heater cover will close and printing process started. (fig. 5.3) Temperature will heat up from "temperature 1" to "temperature 2" then time starts to count down.



5.3

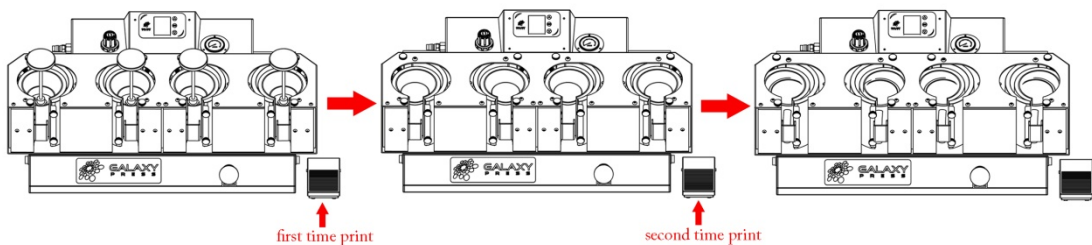
- Once time counting to 0,printing process finish,heater cover will auto open and mug supporting base will auto raise up. Customer can take off mugs(fig.5.4)



5.4

**Tips:**

- 1) When supporting base is raising up, press food pedal once time can control supporting base falling down, press food pedal second time can control heater cover close and start printing process(fig.5.5).



5.5

- 2) Suggest customer to load mugs when supporting base is falling down.

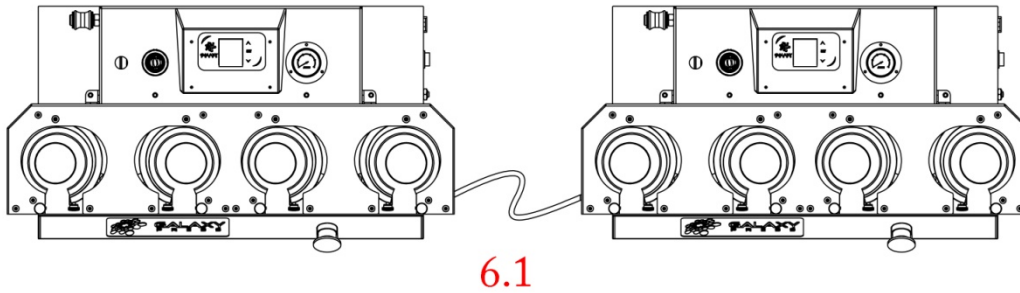
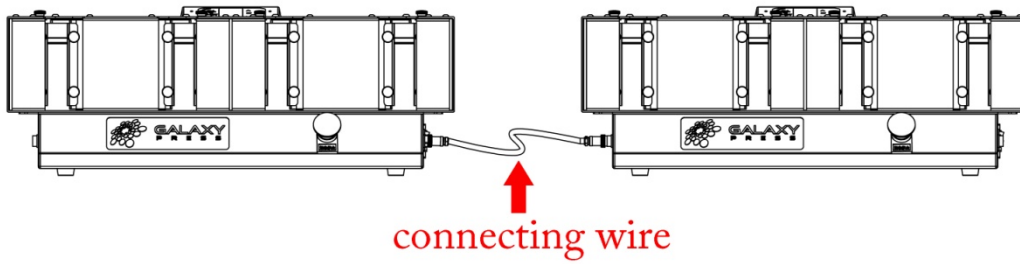
**Attention:**

- 1) 4 heaters are in series connction.
- 2) Circuit board controls No.4 heater on the right side. So the No.4 heater must be in good condition or else machine can not be used well.
- 3) All 4 heaters must be heating up together from the same temperature.For example, if one heater is broken during heating up and needs to be changed, customer must power off machine and wait until the other 3 heaters cooling down then power on the machine again.
- 4) GS-204 is designed for industrial bulk production use, machine must print 4 mugs in the same time(fig.5.6).

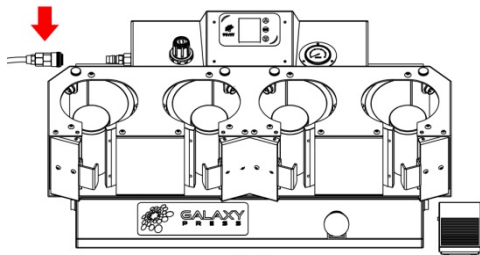
## 6.Series Connction

- Use connecting wire (provided) to series connect two or more GS-204 together(fig.6.1)
- Each machine can be set individually.
- All machine will be controlled by one foot pedal switch connected with the last machine.

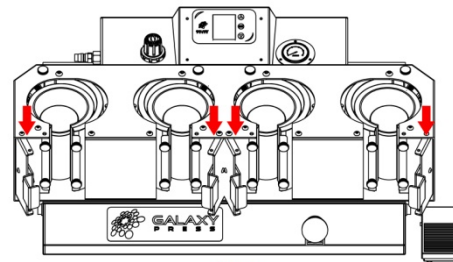




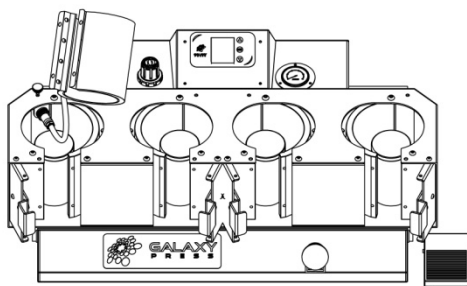
## 7.How to Change Heater



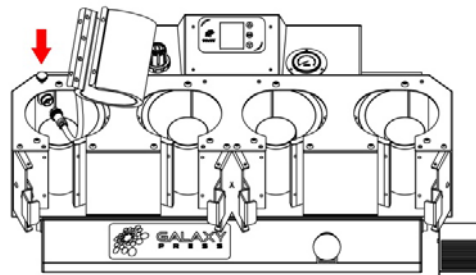
- Pull off the air conncetor(fig.7.1)



- Take off fast screws and open the front cover(fig.7.2)



- Take off fast screws on heater cover and take heater out(fig.7.3)



- Loose screw on connector sheet then plug off the aviation plug to take off the heater from machine(fig.7.4)

## 8.Counter Setting

8.2 Press the (-) button for 4 seconds, "counter" lights located in the display will illuminate indicating you are in the adjust counter setting mode. (fig.8.1)

8.1 Next, press the (-) button to lower the value ,or press the (+) button to raise the value .The counter setting range can be set from 0~99999.

## 9.Switch Between F/C

9.2 Press and hold the (+) button then press model select button, "F-C" lights located in the display will illuminate indicating you are in the adjust F-C setting mode. (fig.9.1)

9.1 Press the (-) button and (+) button to switch between Fahrenheit and Celsius

## 10.Temperature Calibration

10.1 Press and hold the (-) button then press model select button, "Pb" lights located in the display will illuminate indicating you are in the adjust temperature calibration mode. (fig.10.1)

10.2 press the (-) button to lower the value ,or press the (+) button to raise the value.

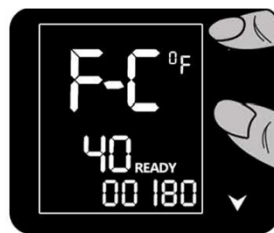
### Suggested Value Setting

Fahrenheit: 20 <Pb value<30

Celsius: 10 <Pb value<20



8.1

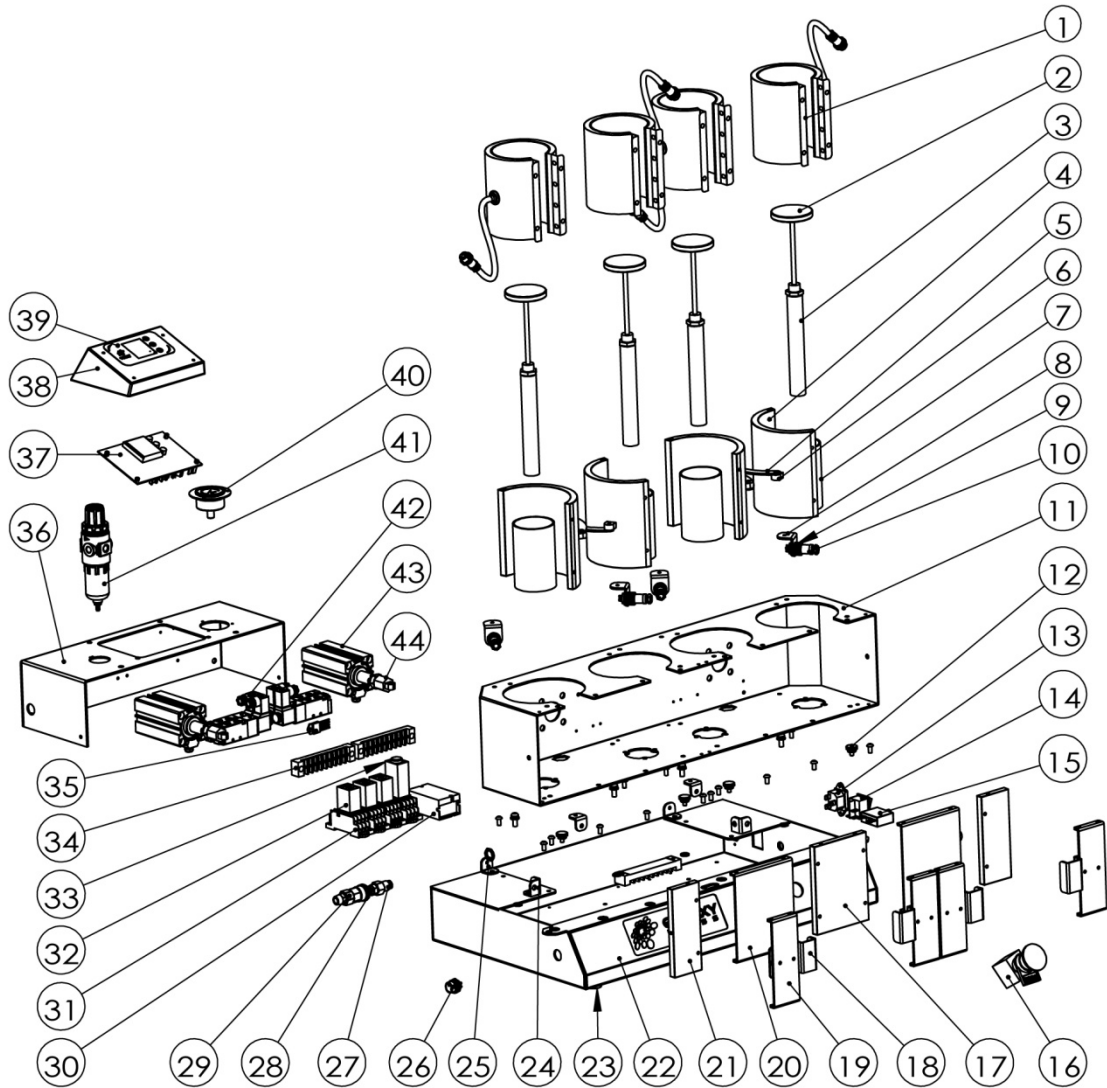


9.1



10.1

# Exploded Views



No.	Part Name(Chinese)	Part Name(English)	Part No.	Qty.
1	杯垫110V110Z	Mug Heater	2100433	4
2	杯托 QG-14	Mug supporting base	1100036	4
3	薄型气缸 SNS SDA40*60-S-B	Thin Cylinder	1100326	4
4	杯垫护盖B QG-15	Mug heater cover	1100061	4
5	护盖连杆 QG-17	Connecting sheet	1100059	4
6	护盖鼻接 QG-16	Heater cover connector	1100633	4
7	杯架底筒 QG-13	Bracket bottom	1100062	4
8	插接头支架 QG-10	Aviation plug locker	1100060	4
9	航空插头4芯(插座)公母 倒装焊线 16F-4B-WD	Aviation plug with wires welded	1800924	4

10	航空插头4芯（插头）公母 倒装 16F-4A	Aviation plug	1000520	4
11	杯垫罩板 QG-02	Top cover	1100415	1
12	直纹把手 M5-18-8	Ruled handle	1400159	24
13	IEC插座 DB-14-1	socket	1800344	1
14	船型开关 RK1-01	On/off switch	1800346	1
15	过载保护器8A L1080271504-01	Insurance	1800348	1
16	急停开关 LA128-38	Emergency stop button	1100327	1
17	杯垫双支架 QG-12	Heater fix bracket	1100037	1
18	定位槽板 QG-101	Position block	1100041	4
19	活动盖板 QG-04	Moveable front cover	1100046	4
20	支撑夹板 QG-03	Supporting bracket	1100039	2
21	杯垫单支架 QG-11	Heater fix bracket	1100038	2
22	底座 QG-01	Machine base	1100389	1
23	脚垫 XD2512-148	Rubber foot	1800317	4
24	三角码 QG-41	Connecting block	1100057	2
25	角码 QG-09	Connecting block	1100058	4
26	航空插头3芯（插座）公母 倒装焊线 16F-3B-WD	Triple core aviation plug with wires welded	1800931	1
27	穿板内螺纹接头 SPMF6-02	Threaded through joint	1100341	1
28	C式快速接头 ZPM-20	C type joint	1100323	1
29	C式快速接头 LSP-20	C type joint	1100322	1
30	开关电源 S-12-12	Power supply	1100324	1
31	继电器底座 PYF14A	Reply base	1100566	4
32	中间继电器 CDZ9L-54P	intermediate relay	1100343	3
33	时间继电器 H3Y-2（ST6P）	Time reply	1100322	1
34	接线排10列 TB-1510	Terminal Block	1100321	3
35	可控硅 DX146-10	Silicon control	1800622	1
36	后罩板 QG-05	Back cover	1100414	1
37	控制板 GSK-G01	Circuit board	1800357	1
38	表头罩壳 QG-07	Control box	1100063	1
39	控制板面贴 STK-GS204	sticker	1000921	1
40	气压表 GF_40	Gas pressure meter	1100330	1
41	调压阀 AFR1500	Pressure valve	1100325	1
42	电磁阀 4V110-06	solenoid valve	1100329	4
43	迷你气缸 SNS MAL16*100-S-U	Mini cylinder	1100328	1
44	连杆转接头 QG-18	connector	1100076	2

# Electrical Schematic

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