

Operation Manual

(GS-501)

Safety Instructions

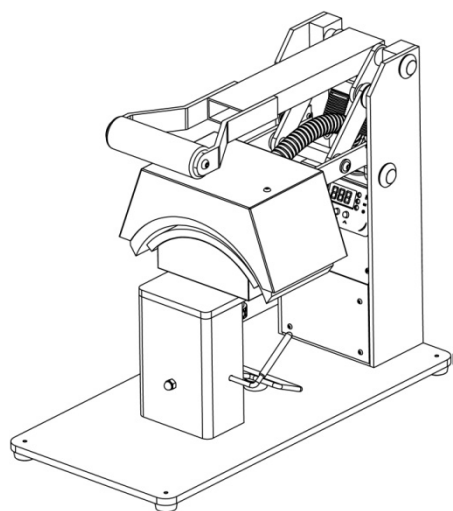
**When using your heat press,
basic precautions should always be followed,
including the following:**

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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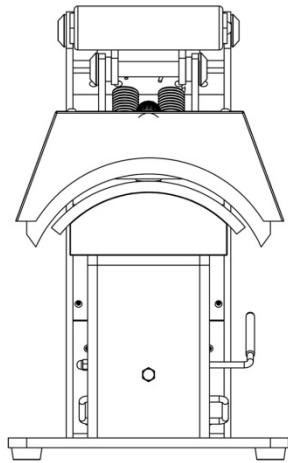
Technical Parameters



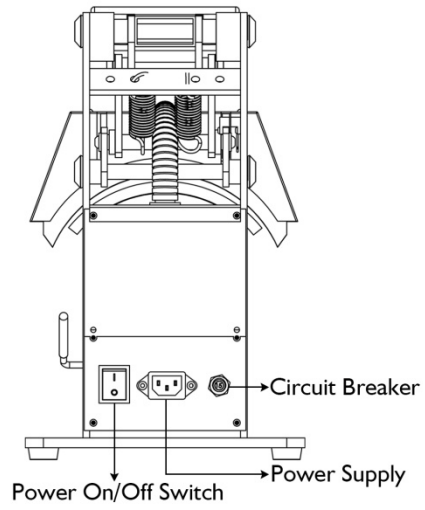
| | |
|--------------------------|--|
| Model: | GS-501 |
| Lower Platen Size: | 3.5''*6.5'' (with machine) 3''*5.75'' (choosable) 2.75''*6.5'' (choosable) 4''*6.5'' (choosable) 4''*8'' (choosable) |
| Pressure Display: | No |
| Auto Open: | No |
| Power(120volt) | 700W/6.4Amps |
| Power(240volt) | 700W/5Amps |
| Temperature Range: | Max.221℃/430°F |
| Heating Up Time (180℃) | 15minutes |
| Time Range: | 0~999S |
| Machine Size(open size): | 40×31×59cm |
| Packing Size: | 46×38×35cm |
| Packing Weight: | 15kg |
| Certificate: | FCC, CE |
| Warranty: | 3 years on upper heat platen,one year on parts. |

Machine View

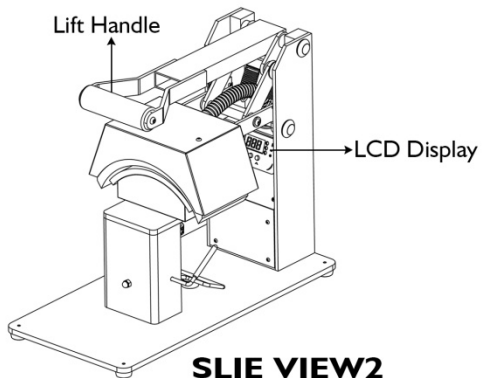
FRONT VIEW



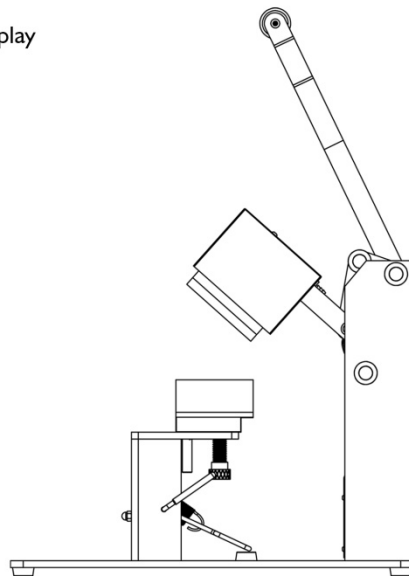
BACK VIEW



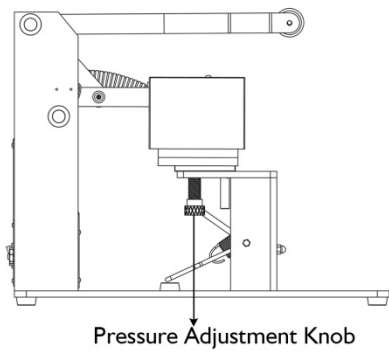
SLIE VIEW I



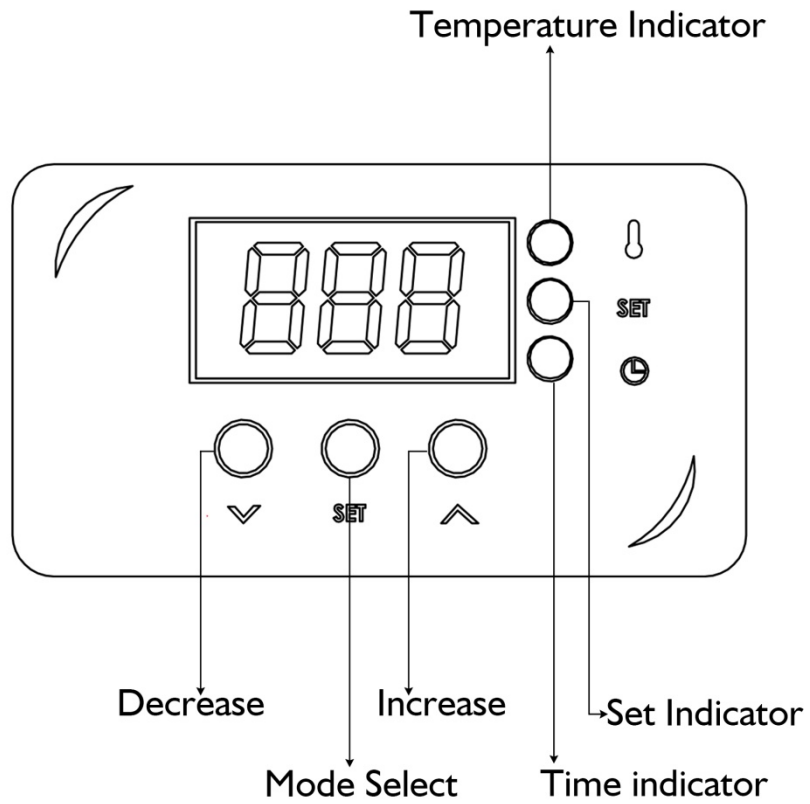
OPEN VIEW



SLIE VIEW 2



Control Panel Guide



Operation Instructions

1. Connecting the System

1.1 Connect the power cord into a properly grounded electrical outlet with a sufficient amperage rating.

1.2 VOLTAGE

120 Volt – The GS-601 requires a full 20 amp grounded circuit for 120 volt operation.

240 Volt –The GS-601 requires a full 10 amp grounded circuit for 240 volt operation.

1.3 EXTENSION CORDS If used, should be as short as possible and not less than 12 gauge. Heavy duty cords are recommended.

1.4 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.

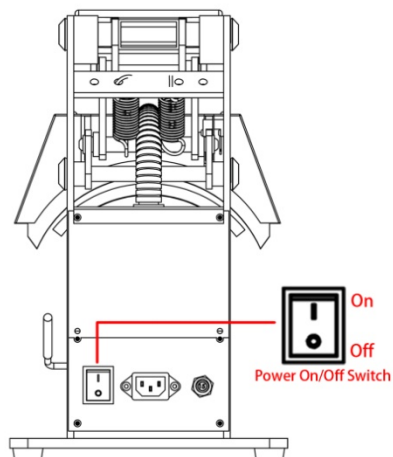
CAUTION :

Failure to follow these instructions will cause:

- 1) Erratic controller functions.
- 2) Inaccurate displays and slow heat-up.
- 3) The circuit breaker to disengage.

2. Turn On the System

2.1 Switch The System On (figure 2.1)



2.1

3.Adjusting the Temperature

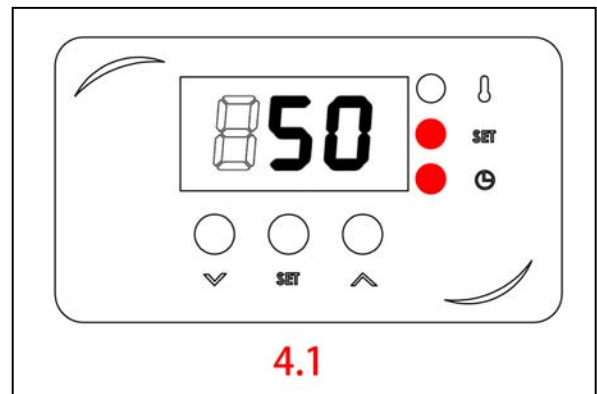
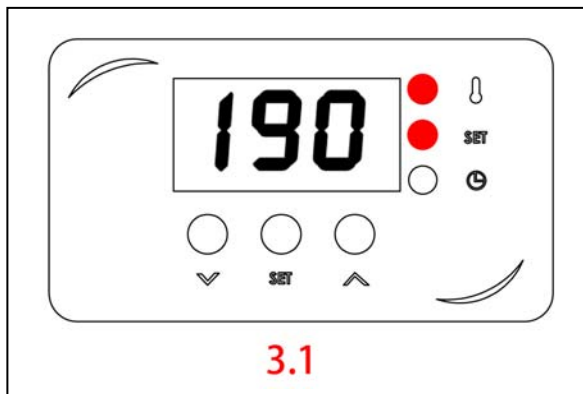
3.1 Press the Mode Select button located in the center of the Control Panel.
“Temp” lights and “set” lights located in the display will illuminate indicating you are in the adjust temperature mode.(see figure 3.1)

3.2 Next, press the (-) button located to the bottom of the Mode Select button to lower the temperature setting,or press the (+) button located to top of the Mode Select button to raise the temperature setting.The temperature can be set from 0° F (0° C) to 430° F (221° C).

4.Adjusting the Time

4.1 Once you have adjusted the temperature, press the Mode Select button again.
“Time” lights and “set” lights located in the display will illuminate indicating you are in the adjust time mode. (see figure 4.1)

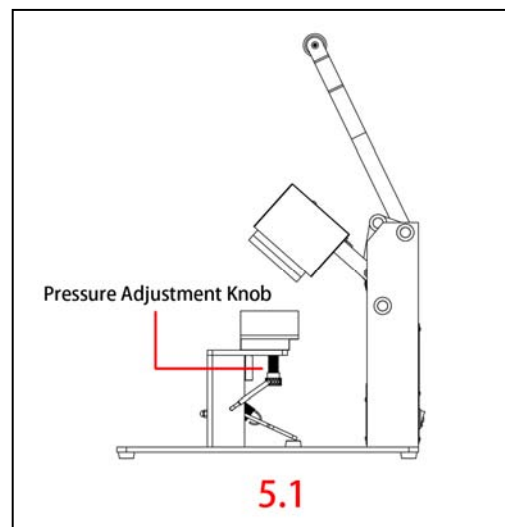
4.1 Next, press the (-) button located to the bottom of the Mode Select button to lower the value ,or press the (+) button located to top of the Mode Select button to raise the time value .The time setting range can be set from 0~999.



5.Adjusting the Pressure

5.1 The Pressure Adjustment Knob is located in the bottom of the lower platen(See figure 5.1)

5.2 Adjust the pressure by turning the knob clockwise to increase pressure and counter clockwise to decrease pressure.



REMEMBER: To allow for the thickness of your garment when adjusting the pressure.

6. Printing And Pressing

- Once your equipment has reached the designated temperature:
- Position the garment and application and proceed to press. Lower and lock the heat platen into the press position.
- This procedure will start the automatic timing process.

- The timer will automatically count down circuit board will alarm when the press cycle is complete.
- The time will automatically re-set and you are ready to continue with the next application.

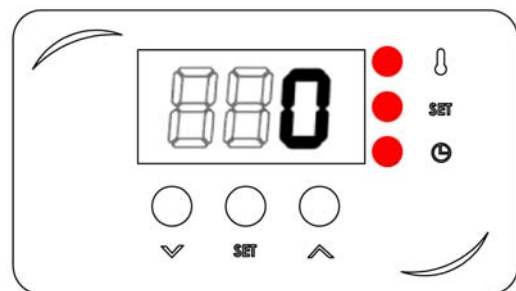
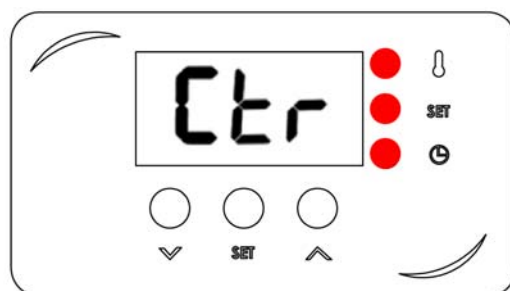
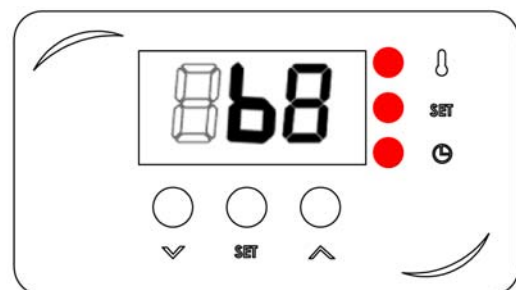
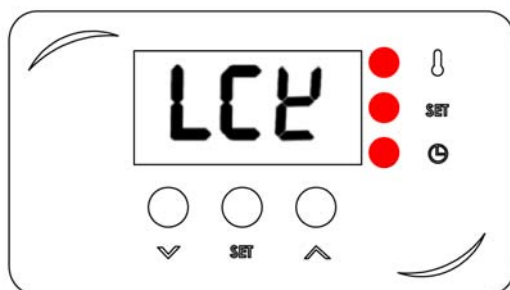
7. Switch Between F/C

7.1 Press “set” button for 4 seconds, display shows LCK (See figure 7.1)

7.2 Input 68 to enter into second level menu (See figure 7.2)

7.3 Press “set” button to select “ctr” mode (See figure 7.3), press up and down button to set value at 0 or 1, 0 for celsius, 1 for Fahrenheit (see figure 7.4)

7.4 Press “set” button 4 seconds to quit.



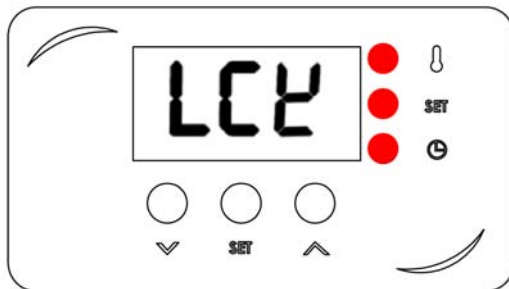
8. Temperature Calibration

8.1 Press “set” button for 4 seconds, display shows LCK (See figure 8.1)

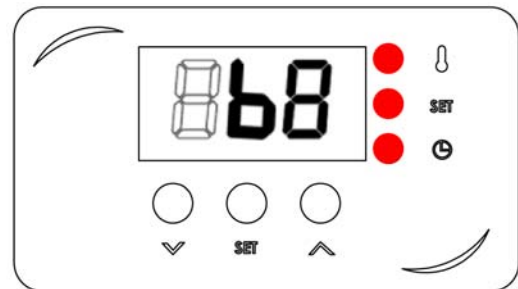
8.2 Input 68 to enter into second level menu (See figure 8.2)

8.3 Press “set” button to select “Pb” mode(See figure 8.3) press up and down button to make temperature calibration (See figure 8.4)

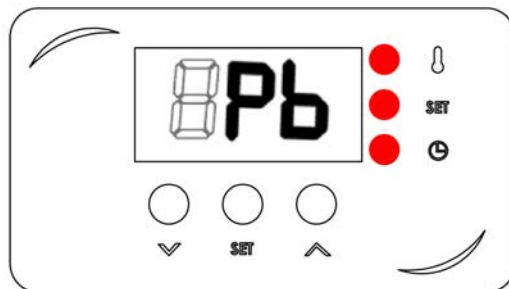
8.4 Press “set” button 4 seconds to quit.



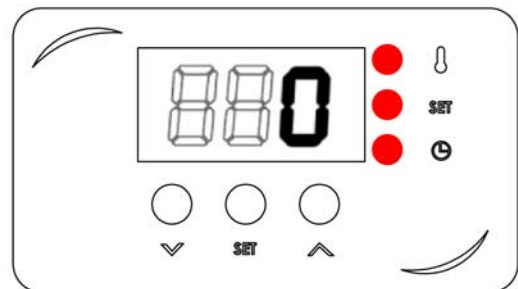
8.1



8.2



8.3



8.4

if temperature on heat platen is higher than circuit board shows,pls lower the Pb value.

Example:

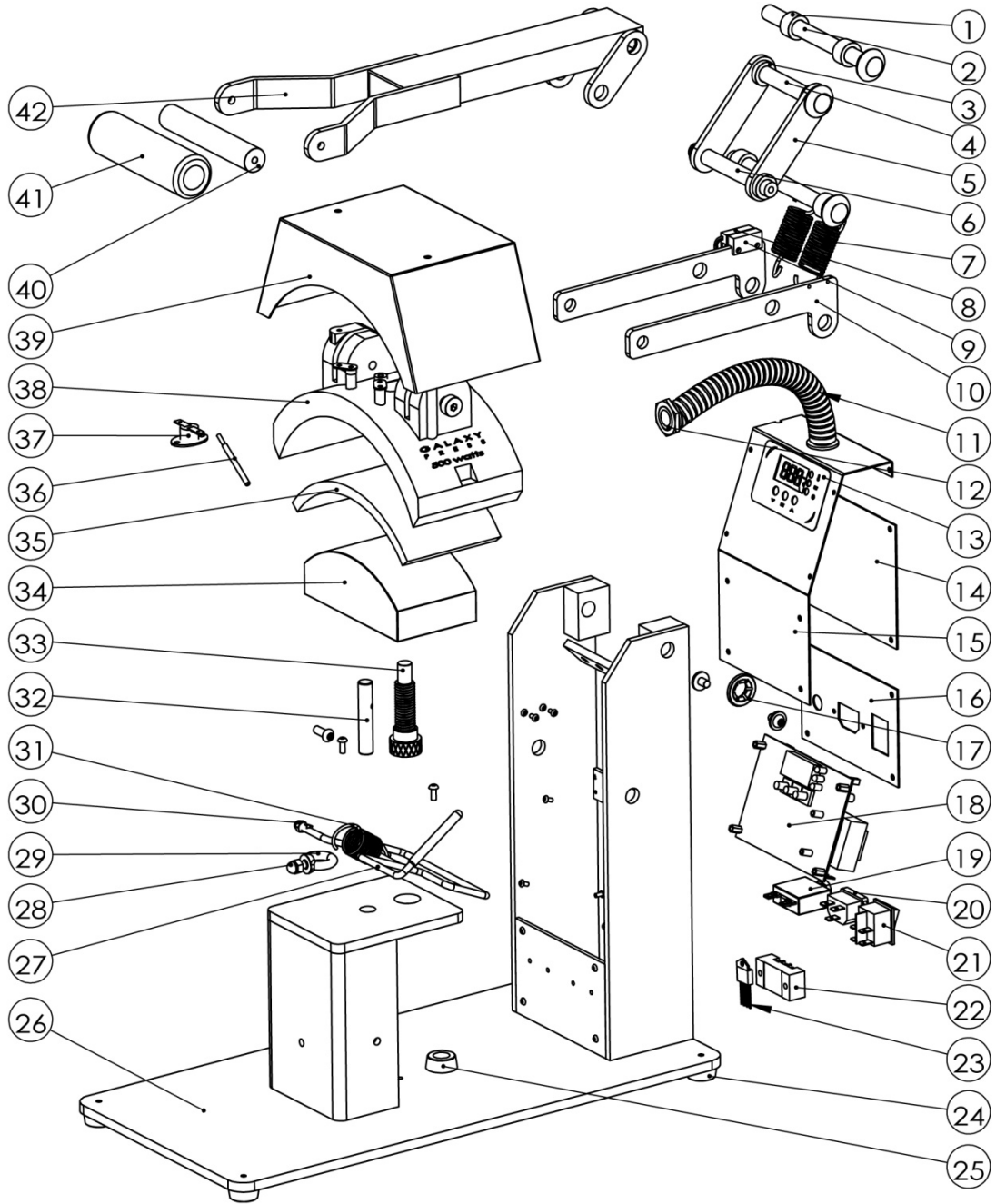
Heat platen temperature:190C
Circuit board temperature:185C
Pls set Pb Value at (-5)

if temperature on heat platen is lower than circuit board shows,pls raise the Pb value.

Example:

Heat platen temperature:185C
Circuit board temperature:190C
Pls set Pb Value at (+5)

Exploded Views And Parts List

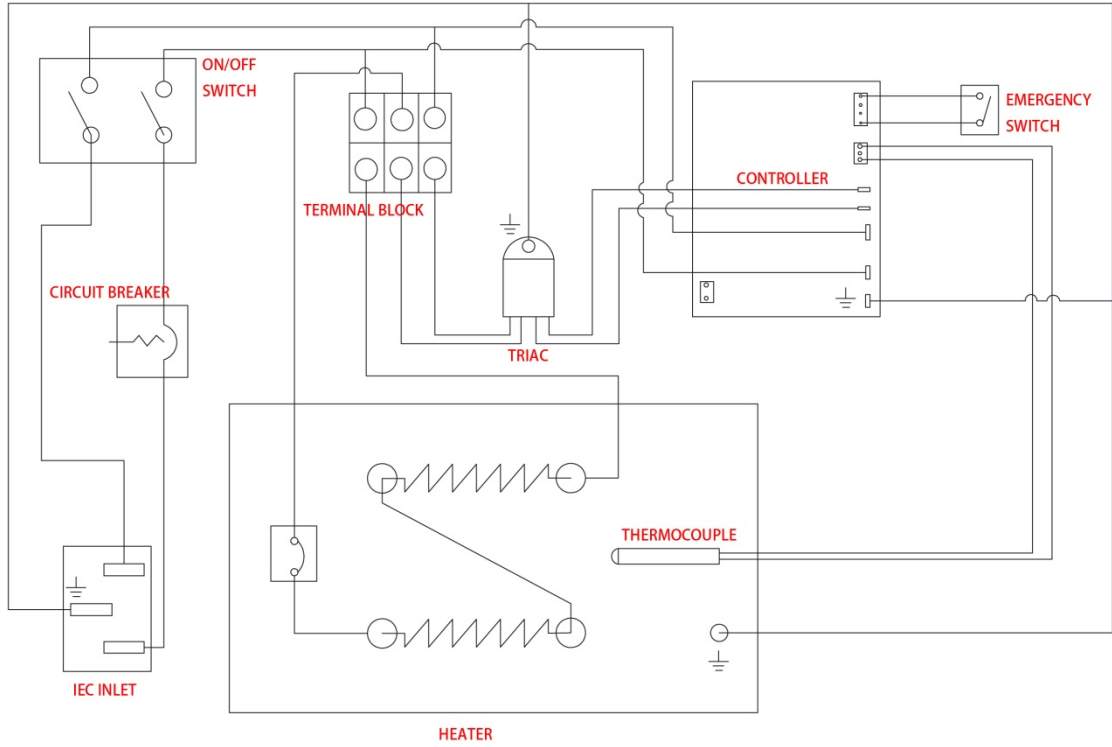


| No. | Part Name(Chinese) | Part Name(English) | Part No. | Qty. | Remark |
|-----|------------------------|--------------------|----------|------|--------|
| 1 | 胶垫圈20-13-9.5黑 WSH-04-B | washer | 2000260 | 2 | |
| 2 | 销轴12.5-147银 PR-03-S | Steel pin | 1600151 | 1 | |
| 3 | 胶垫圈20-13-5黑 WSH-08-B | washer | 2000589 | 4 | |
| 4 | 销轴12.5-94黑 PR-01-B | Steel pin | 1800147 | 3 | |
| 5 | 连接片磨砂黑 CS-CAP-B | Bridge link | 1600091 | 2 | |
| | 连接片银 CS-CAP-S | Bridge link | 1600092 | 2 | |
| 6 | 柱栓12.5-105银 LA-03-S | Thread pin | 1300225 | 1 | |

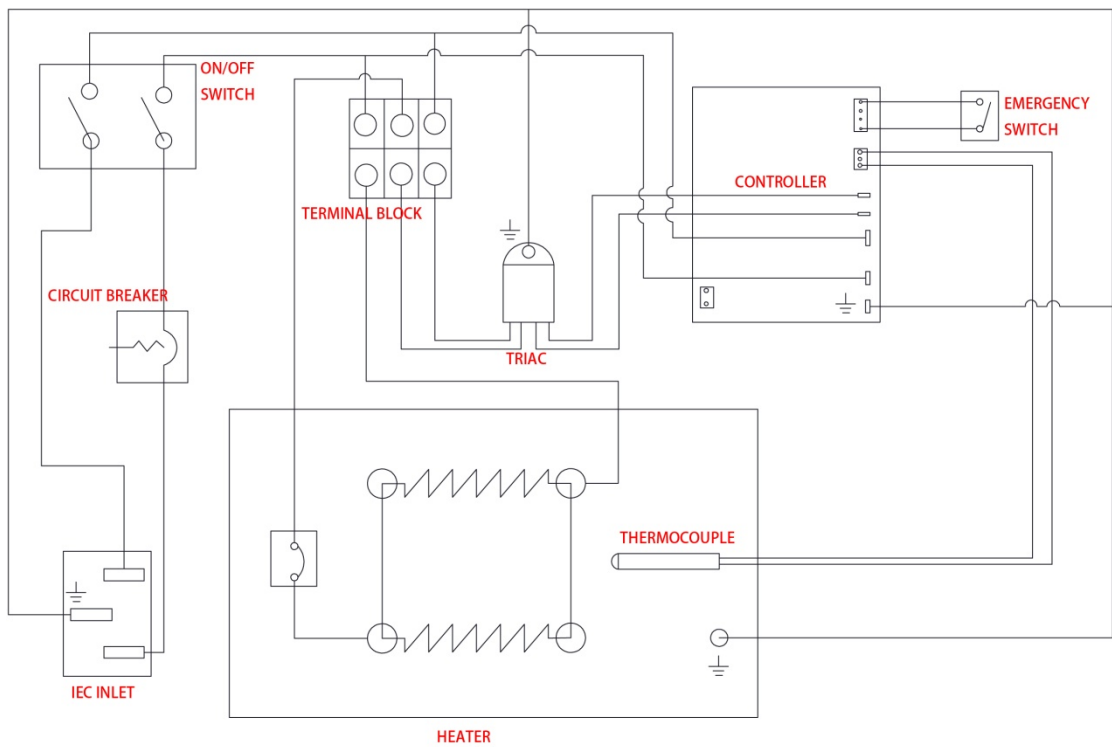
| | | | | | |
|----|------------------------|---------------------|---------|---|--|
| | 柱栓12.5-105黑 LA-03-B | Thread pin | 1800580 | 1 | |
| 7 | 弹簧 SP-CAP-1-B | spring | 1600530 | 2 | |
| | 弹簧银 SP-CAP-1-S | spring | 1600104 | 2 | |
| 8 | 接近开关黑 MC-38-1 | Magnet switch | 1800614 | 1 | |
| 9 | 接近开关(磁铁)黑 MC-38-2 | magnet | 1800615 | 1 | |
| 10 | 异形连接片闪银 BA-CAP-S | Adjust arm | 1600090 | 2 | |
| | 异形连接片磨砂黑 BA-CAP-B | Adjust arm | 1600089 | 2 | |
| 11 | PP阻燃波纹管Φ17*21.2 | PP tube 0.13M | 1800835 | 1 | |
| 12 | 波纹管接头银 TCR-01-S | Tube connector | 1800145 | 1 | |
| | 波纹管接头黑 TCR-01-B | Tube connector | 1800135 | 1 | |
| 13 | 控制板面贴浅绿 STK-GS601-LG | Display overlay | 1600233 | 1 | |
| | 控制板面贴红 STK-GS601-R | Display overlay | 1600455 | 1 | |
| | 控制板面贴蓝 STK-GS601-BL | Display overlay | 1600456 | 1 | |
| 14 | 控制板背板1 浅绿 CS-CAP-1-LG | Back cover 1 | 1600098 | 1 | |
| | 控制板背板1 红 CS-CAP-1-R | Back cover 1 | 1600097 | 1 | |
| | 控制板背板1 蓝 CS-CAP-1-BL | Back cover 1 | 1600100 | 1 | |
| | 控制板背板1 深绿 CS-CAP-1-DG | Back cover 1 | 1600099 | 1 | |
| 15 | 控制板罩壳红 CC-CAP-R | Control box | 1600826 | 1 | |
| | 控制板罩壳蓝 CC-CAP-BL | Control | 1600914 | 1 | |
| | 控制板罩壳深绿 CC-CAP-DG | Control | 1600576 | 1 | |
| | 控制板罩壳浅绿 CC-CAP-LG | Control | 1600826 | 1 | |
| 16 | 控制板背板2 红 CS-CAP-2-R | Back cover 2 | 1600831 | 1 | |
| | 控制板背板2 蓝 CS-CAP-2-BL | Back cover 2 | 1600096 | 1 | |
| | 控制板背板2 深绿 CS-CAP-2-DG | Back cover 2 | 1600095 | 1 | |
| | 控制板背板2 浅绿 CS-CAP-2-LG | Back cover 2 | 1600094 | 1 | |
| 17 | 快速螺母黑 WSH-02 | Hucap | 1900390 | 6 | |
| | 快速螺母银 WSH-03 | Hucap | 1900391 | 6 | |
| 18 | 控制板 GSK-H05 | Circuit board | 1800355 | 1 | |
| 19 | 过载保护器8A L1080271504-01 | Circuit breaker 8A | 1800348 | 1 | |
| 20 | IEC插座 DB-14-1 | socket | 1800344 | 1 | |
| 21 | 船型开关 RK1-01 | On/off switch | 1800346 | 1 | |
| 22 | 双排三位栅栏接线排 TB1503L | Terminal block | 1800345 | 1 | |
| 23 | 可控硅 DX170105-C | Triac | 1800951 | 1 | |
| 24 | 脚垫 XD2512-148黑 | | 1800317 | 5 | |
| 26 | 主支架闪银 MS-CAP-S | Machine base welded | 1600401 | 1 | |
| | 主支架磨砂黑 MS-CAP-B | Machine base welded | 1600400 | 1 | |
| 27 | 压帽调节架 AS-CAP-01 | Cap fix shell | 1600359 | 1 | |
| 28 | 盖形螺帽黑 M6 | Cap nut | 1900930 | 1 | |
| | 盖形螺帽银M6 | Cap nut | 1900917 | 1 | |
| 29 | 弹簧拉钩M6 AS-CAP-02 | Spring hook base | 1600718 | 1 | |
| 30 | 盖形螺帽银M5 | Cap nut | 1900923 | 1 | |
| 31 | 弹簧 SP-CAP-2-B | spring | 1600103 | 1 | |
| | 弹簧银 SP-CAP-2-S | spring | 1600229 | | |

| | | | | | |
|----|---------------------------------|-----------------------------|---------|---|--------------|
| 32 | 限位螺栓黑 CP-04 | Balance screw | 1600223 | | |
| 33 | 帽台调节螺栓 EM-110 | Pressure adjustment spindle | 1600726 | | |
| 34 | 底板 LP-3565-A-H | Lower platen | 1600572 | 1 | With machine |
| | 底板 LP-03575-A-H | Lower platen | 1600366 | 1 | choosable |
| | 底板 LP-0465-A-H | Lower platen | 1600367 | 1 | choosable |
| | 底板 LP-27565-A-H | Lower platen | 1600368 | 1 | choosable |
| | 底板 LP-0408-A-H | Lower platen | 1600369 | 1 | choosable |
| 35 | 硅胶垫 SP-3565-9-G | Lower platen | 1600363 | 1 | |
| 36 | 热电偶 THC-01 | Thermocouple | 1800281 | 1 | |
| 37 | 突跳式温控器 TMS-01 | Thermosat | 1800133 | 1 | |
| 38 | 发热板 HP-CAP-A-H | Heat platen | 1600377 | 1 | |
| 39 | 发热板罩壳(商标槽) 红 HC-CAP-2-R | Heat platen cover | 1600719 | 1 | |
| | 发热板罩壳(商标槽) 蓝 HC-CAP-2-BL | Heat platen cover | 1600720 | 1 | |
| | 发热板罩壳(商标槽) 深绿 HC-CAP-2-DG | Heat platen cover | 1600722 | 1 | |
| | 发热板罩壳(商标槽) 浅绿 HC-CAP-2-LG | Heat platen cover | 1600721 | 1 | |
| 40 | 手柄轴 (Φ20*118) TB-35 | Handle shaft | 1300150 | 1 | |
| 41 | 手柄轴胶套 (内径19*T5*123mm) TB-112 | Foam grip | 1300155 | 1 | |
| 42 | 手柄闪银 HS-CAP-S | Handle welded | 1600396 | 1 | |
| | 手柄磨砂黑 HS-CAP-B | Handle welded | 1600424 | 1 | |

Electrical Schematic



220V VERSION



110V VERSION