

Operation Manual

(GS-501)

Safety Instructions

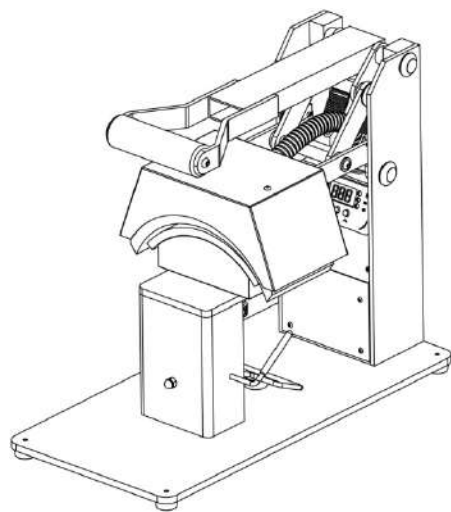
**When using your heat press,
basic precautions should always be followed,
including the following:**

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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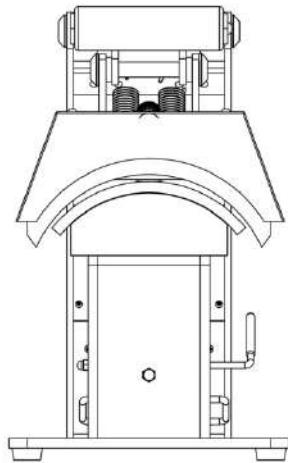
Technical Parameters



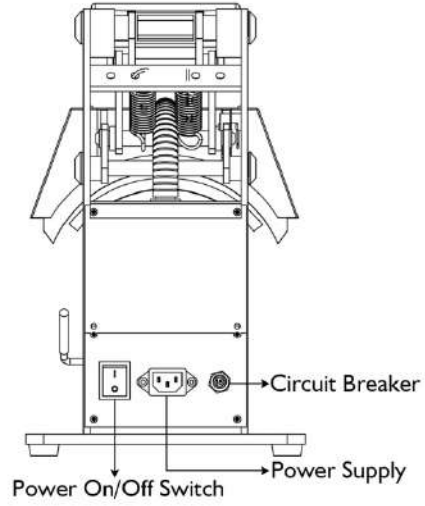
Model:	GS-501
Lower Platen Size:	3.5''*6.5'' (with machine) 3''*5.75'' (choosable) 2.75''*6.5'' (choosable) 4''*6.5'' (choosable) 4''*8'' (choosable)
Pressure Display:	No
Auto Open:	No
Power(120volt)	700W/6.4Amps
Power(240volt)	700W/5Amps
Temperature Range:	Max.221℃/430°F
Heating Up Time (180℃)	15minutes
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

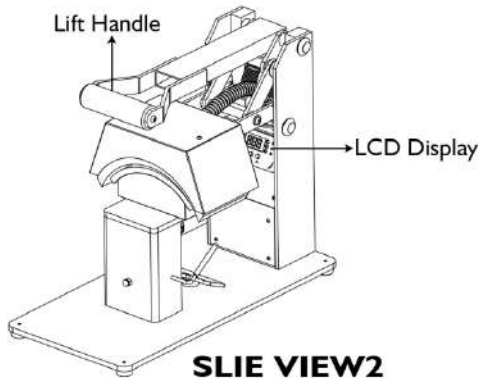
FRONT VIEW



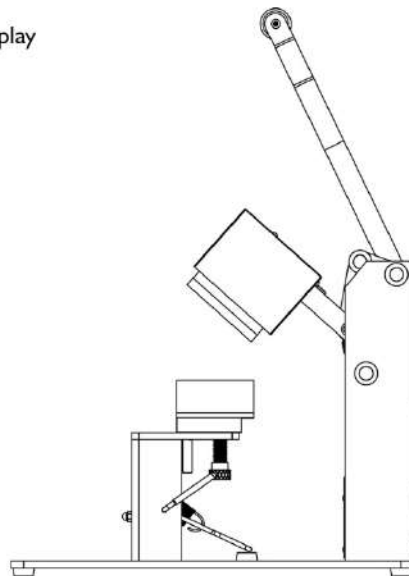
BACK VIEW



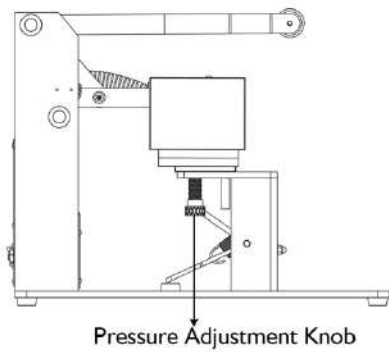
SLIE VIEW I



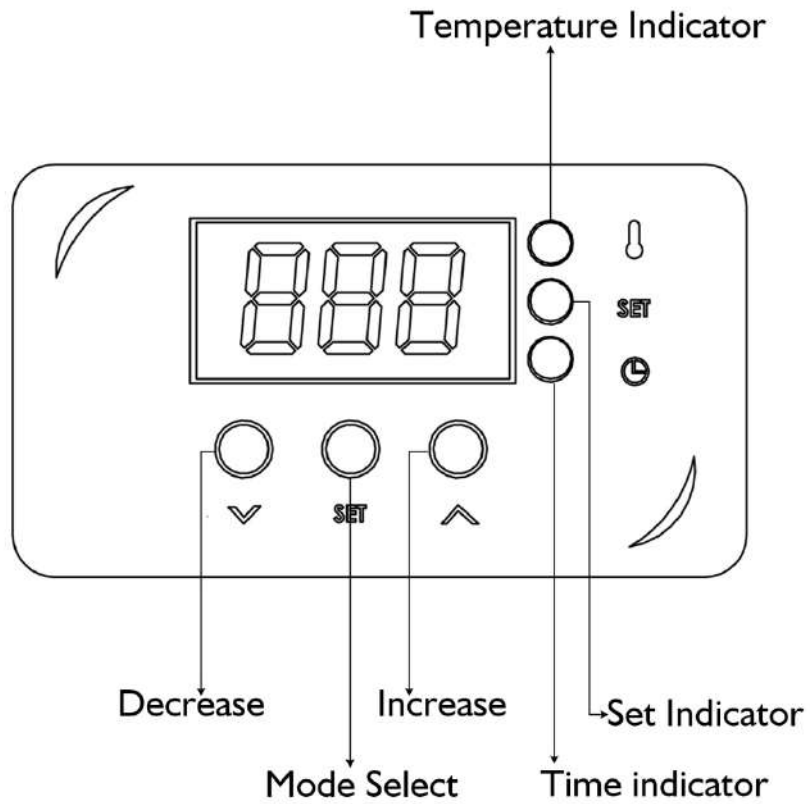
OPEN VIEW



SLIE VIEW2



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.

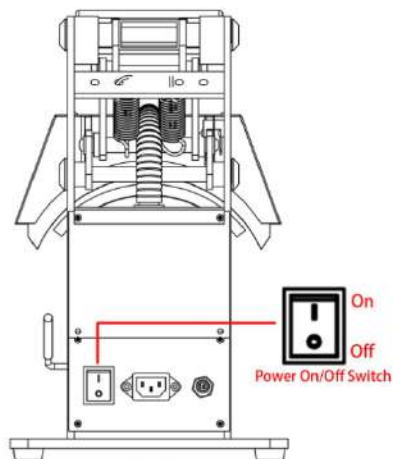
CAUTION :

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)



3.Adjusting the Temperature

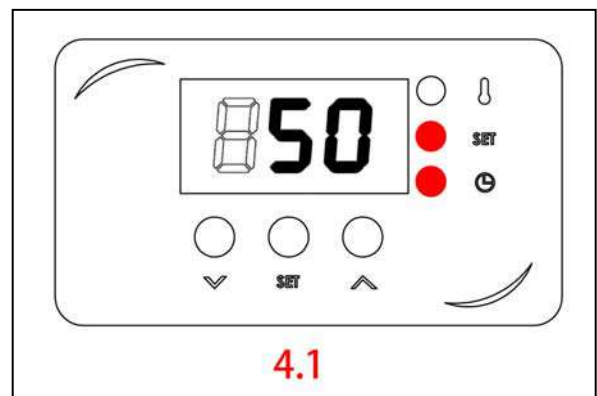
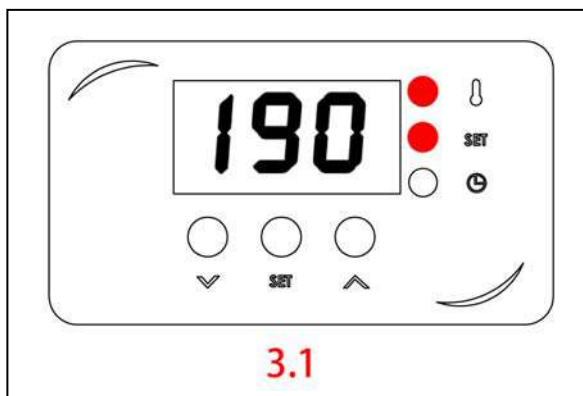
3.1 Press the Mode Select button located in the center of the Control Panel.
“Temp” lights and “set” lights located in the display will illuminate indicating you are in the adjust temperature mode.(see figure 3.1)

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)

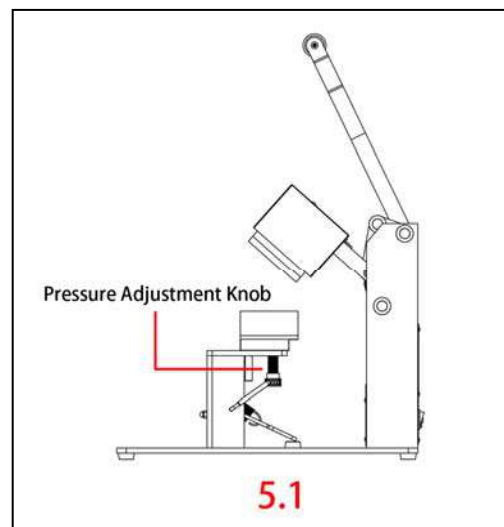
4.1 Next, press the (-) button located to the bottom of the Mode Select button to lower the value ,or press the (+) button located to top of the Mode Select button to raise the time value .The time setting range can be set from 0~999.



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.

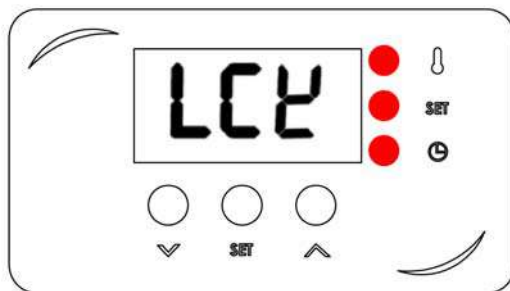
7. Switch Between F/C

7.1 Press and hold “down” and “up” button then press “set” button, display shows LCK (See figure 7.1)

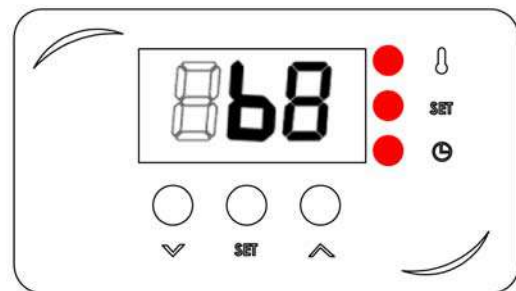
7.2 Input 68 to enter into second level menu (See figure 7.2)

7.3 Press “set” button to select “F-C” mode (See figure 7.3), press “set” button to enter then press “up” and “down” button to set F or C, C for celsius, F for Fahrenheit (see figure 7.4)

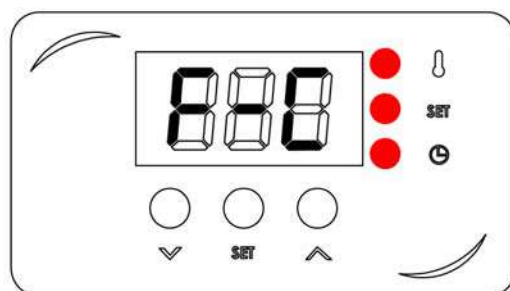
7.4 After setting, press “set” button 4 seconds to quit.



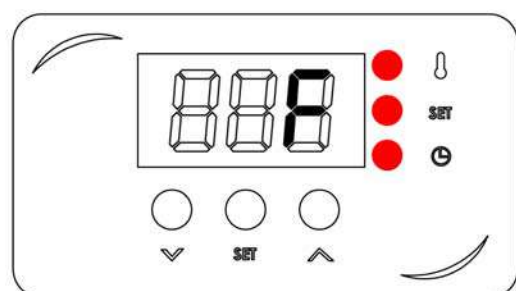
7.1



7.2



7.3



7.4

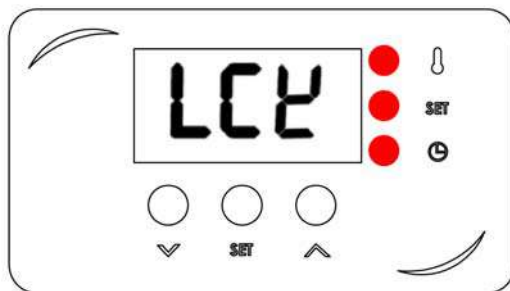
8. Temperature Calibration

8.1 Press and hold “(-)”and“(+)”button then press “set” button, display shows LCK (See figure 8.1)

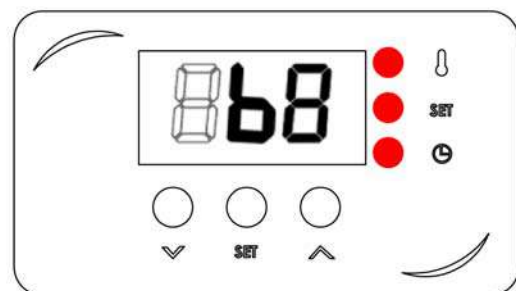
8.2 Input 68 to enter into second level menu (See figure 8.2)

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)

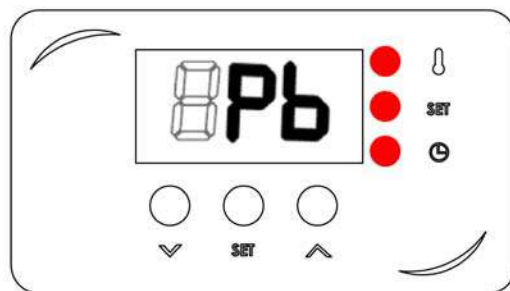
8.4 Press “set” button 4 seconds to quit.



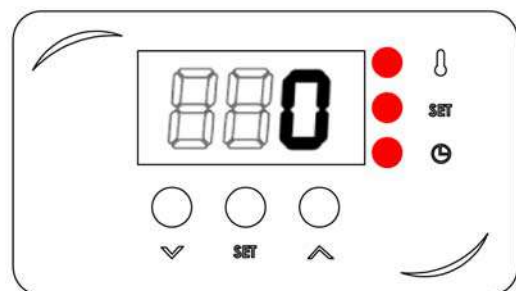
8.1



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

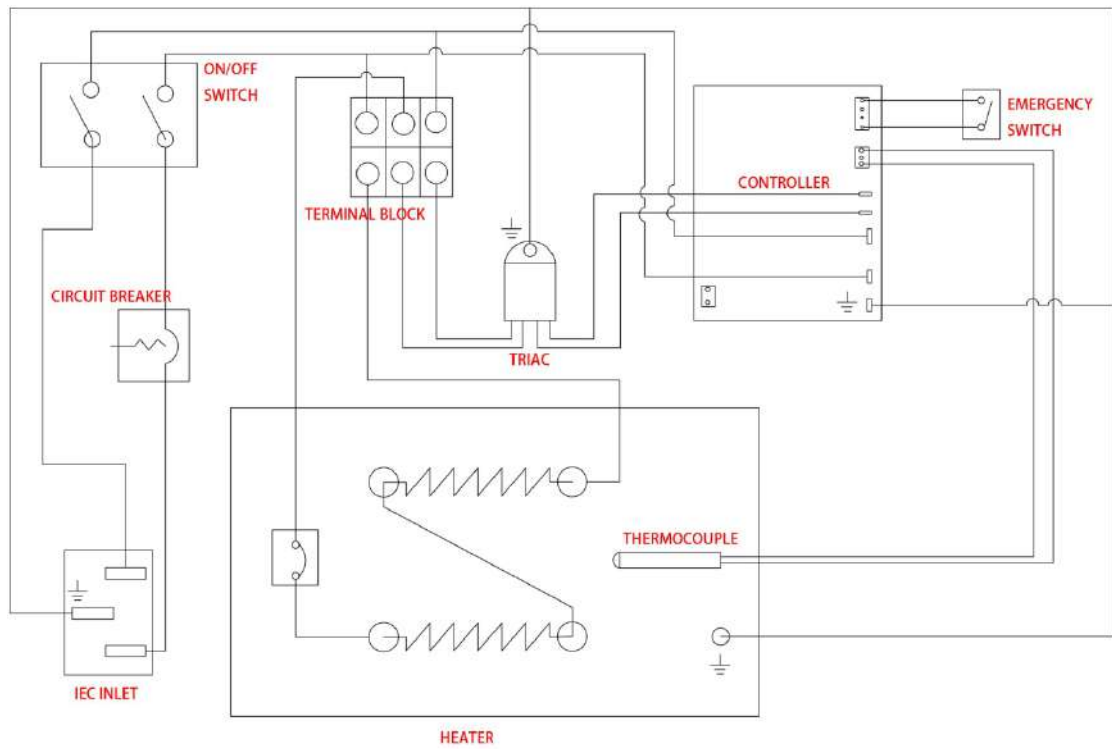
Circuit board temperature:190C

Pls set Pb Value at (+5)

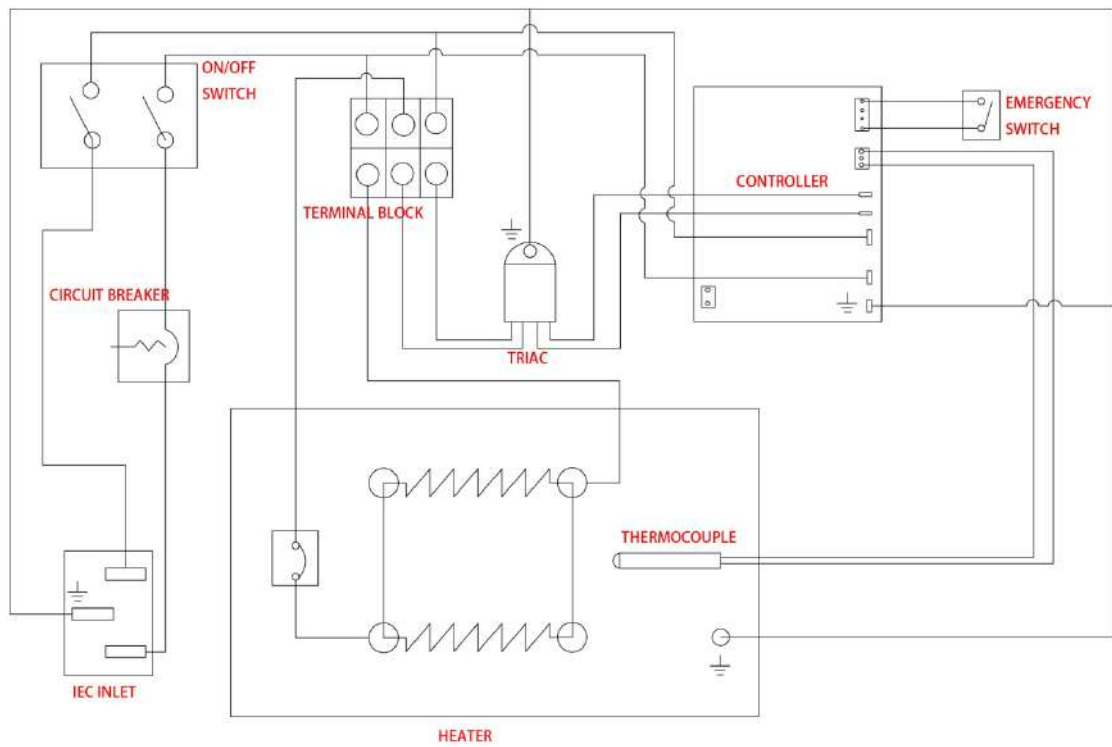
	柱栓12.5-105黑 LA-03-B	Thread pin	1800580	1	
7	弹簧 SP-CAP-1-B	spring	1600530	2	
	弹簧银 SP-CAP-1-S	spring	1600104	2	
8	接近开关黑 MC-38-1	Magnet switch	1800614	1	
9	接近开关(磁铁)黑 MC-38-2	magnet	1800615	1	
10	异形连接片闪银 BA-CAP-S	Adjust arm	1600090	2	
	异形连接片磨砂黑 BA-CAP-B	Adjust arm	1600089	2	
11	PP阻燃波纹管Φ17*21.2	PP tube 0.13M	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