Operation Manual

(GS-202/GS-203)

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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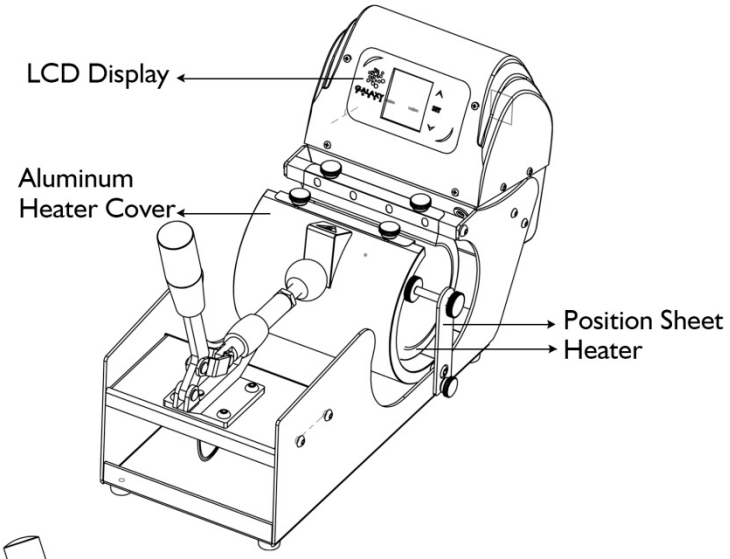
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Technical Parameters(GS-202/203)

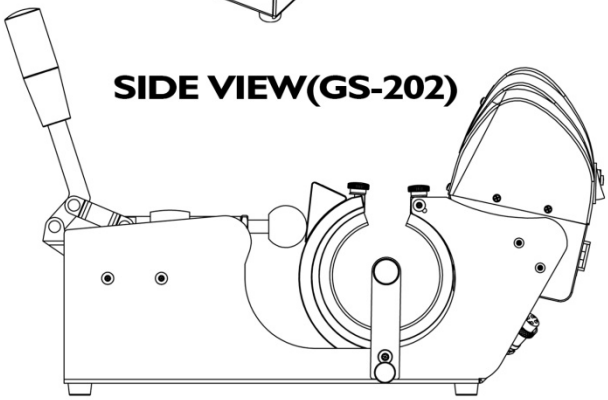
Model:	GS-202	GS-203
Heater Size:	Dia.6~7.5cm for 6oz,9oz,10oz etc mug Dia.7.5~9.0cm for 11oz,15oz etc mug	Dia.6~7.5cm for 6oz,9oz,10oz etc mug Dia.7.5~9.0cm for 11oz,15oz etc mug 12oz Latte shape mug heater 17oz latte shape mug heater
Power(120volt)	300W/2.7Amps	300W/2.7Amps
Power(240volt)	300W/1.4Amps	300W/1.4Amps
Temperature Range：	Max.200℃/392℉	Max.200℃/392℉
Time Range：	0~999S	0~999S
Machine Size(open size)：	58×16×16cm	58×16×16cm
Packing Size：	47.5×22.5×32cm	47.5×22.5×32cm
Packing Weight：	6kg	6kg
Certificate：	CE,FCC	
Warranty：	1 year on whole machine except heaters	

Machine View

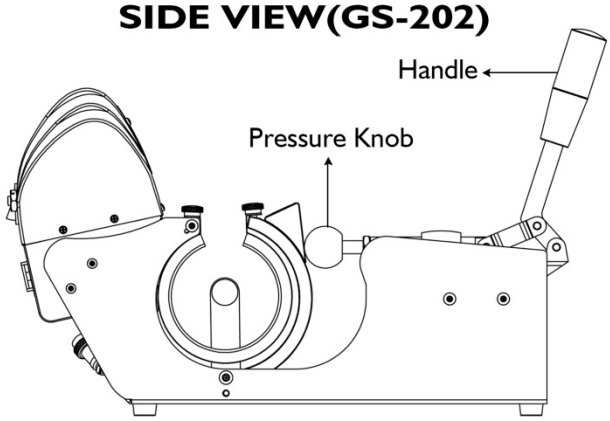
SIDE VIEW(GS-202)



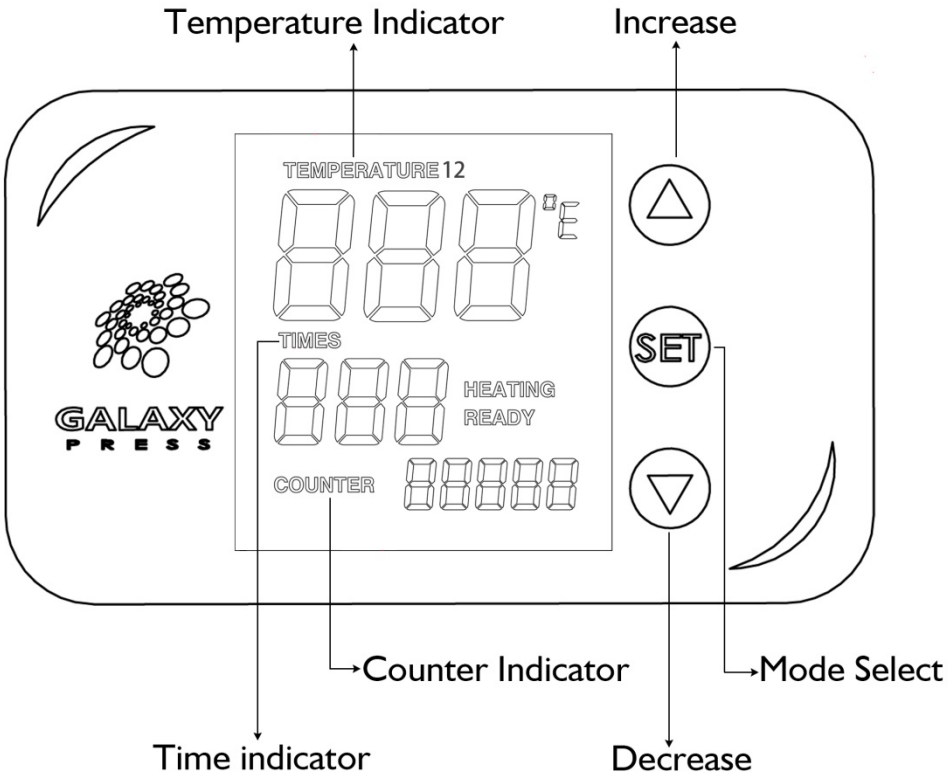
SIDE VIEW(GS-202)



SIDE VIEW(GS-202)



Control Panel Guide



Operation Instructions

Connecting the System

1. CONNECT THE POWER CORD

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

- **VOLTAGE**
  120 Volt – The GS-202 and GS-203 requires a full 10 amp grounded circuit for 120 volt operation.
  240 Volt –The GS-202 and GS-203 requires a full 5 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 10 amps or that have other high demand equipment or appliances(especially more than one heat seal machine) plugged in, should not be used.

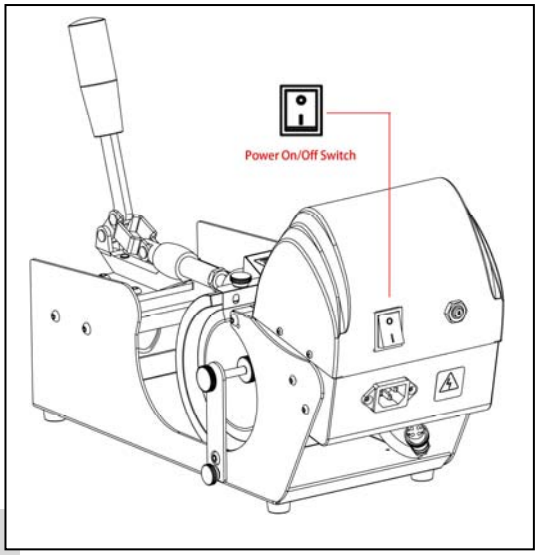
NOTE: If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid hazard.

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.

Turn On the System

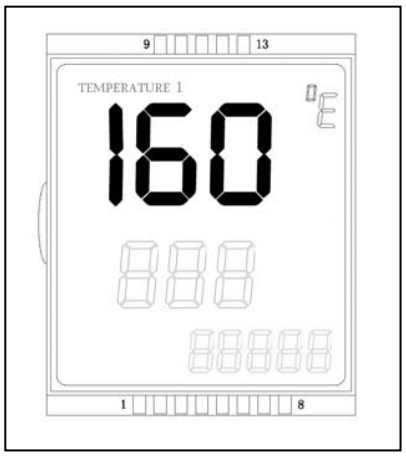
2. Switch The System On



Adjusting the Temperature

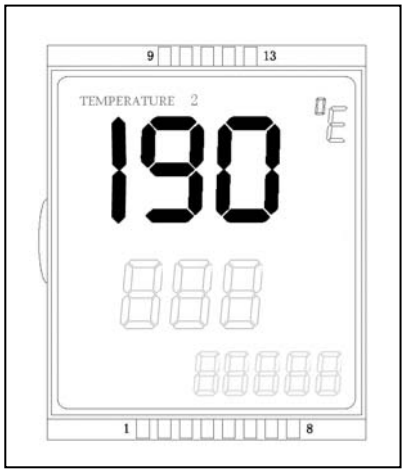
3. ADJUST THE TEMPERATURE

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 mode.



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 320° F (160° C).

3.3 Press the Mode Select button located in the center of the Control Panel the second time ,“**TEMPERATURE 2**” lights located in the display will illuminate indicating you are in the adjust temperature mode.

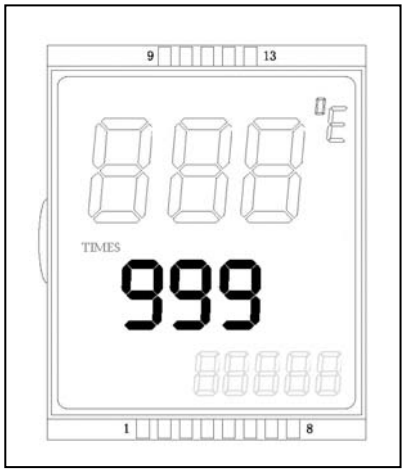


3.4 Next, press the (-) button located to the bottom of the Mode Select button to lower the temperature setting,or press the (+) button located to top of the Mode Select button to raise the temperature setting.The temperature can be set from 0° F (0° C) to 392° F (200° C).

Adjusting the Time

4. ADJUST THE TIME

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



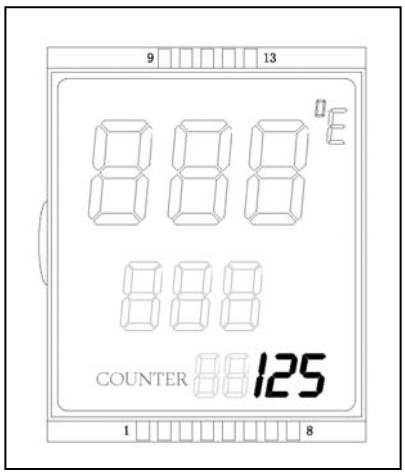
4.2 Next, press the (-) button located to the bottom of the Mode Select button to lower the value ,or press the (+) button located to top of the Mode Select button to raise the time value .The time setting range can be set from 0~999.

Counter Setting

5. Counter Setting

5.1 Press the (-) button for 4 seconds, “counter” lights located in the display will illuminate indicating you are in the adjust counter setting mode.

5.2 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.

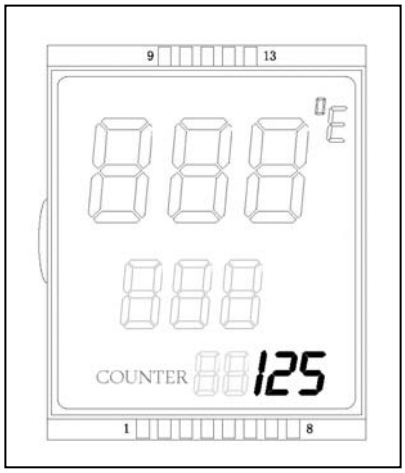


Switch Between F/C

6. Switch Between F/C

6.1 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.

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

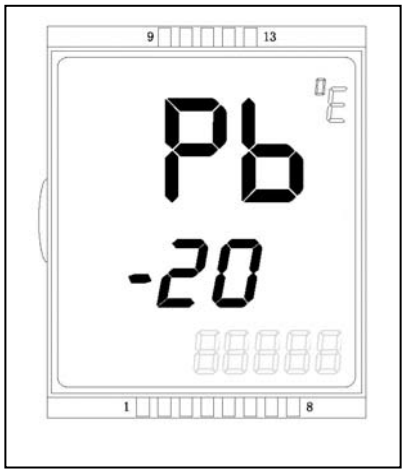


Temperature Calibration

7. Temperature Calibration

7.1 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.

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

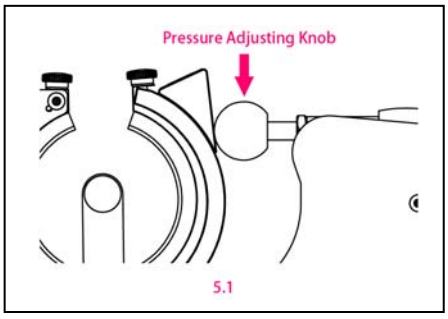


if temperature on heater is higher than circuit board shows,pls lower the Pb value. Example: Heater temperature:160C Circuit board temperature:150C Pls set Pb Value at (-5 to -10) Please note: small Pb value adjustment will bring temperature calibration in large range. So suggest change Pb value carefully in small range.	if temperature on heat platen is lower than circuit board shows,pls raise the Pb value. Example: Heat platen temperature:160C Circuit board temperature:170C Pls set Pb Value at (+5 to +10) Please note: small Pb value adjustment will bring temperature calibration in large range. So suggest change Pb value carefully in small range.

Adjusting the Pressure

8. Adjusting the Pressure

8.1 Adjust the pressure by turning the knob clockwise to increase pressure and counter clockwise to decrease pressure(fig.5.1).



Printing And Pressing

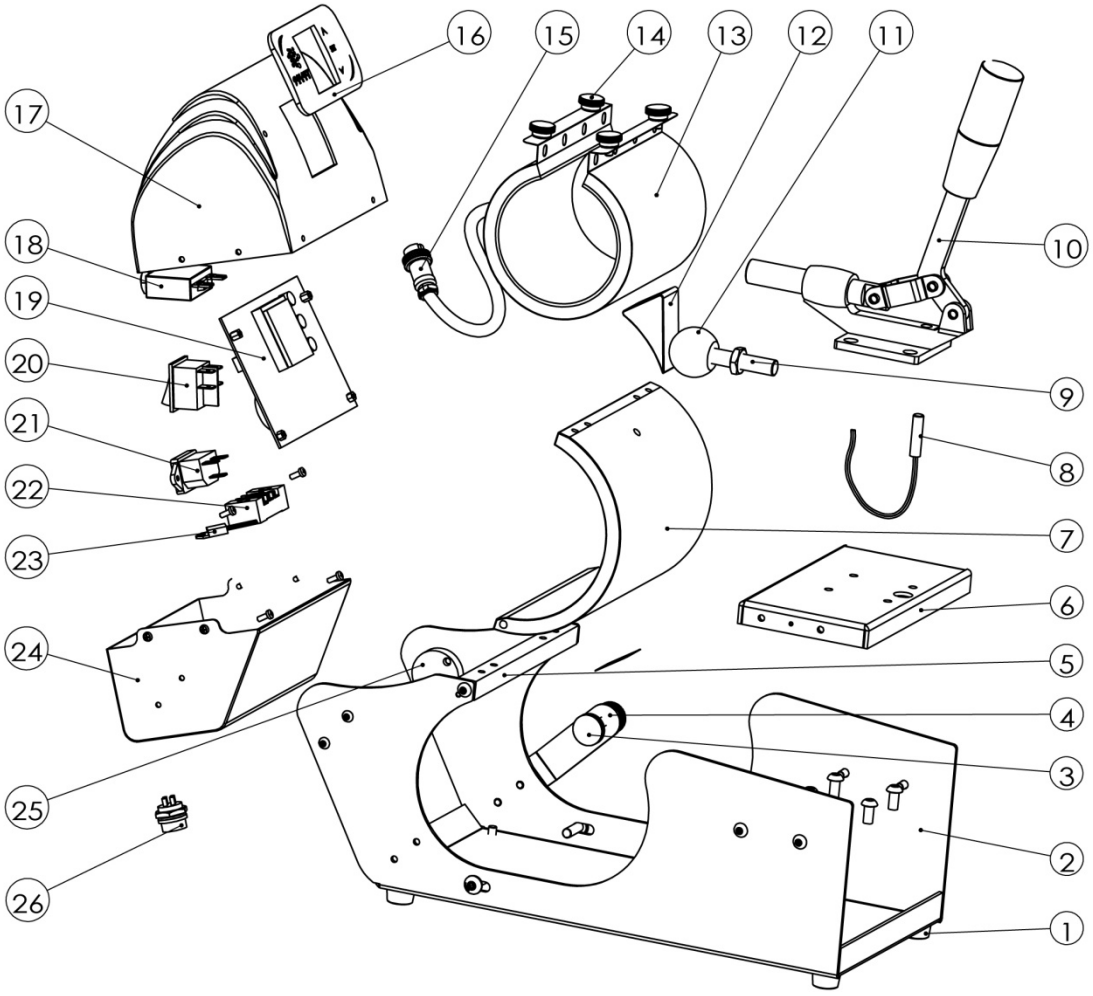
9. **PRESS**

6.1 Once your equipment has reached the designated temperature1,position the blank mug inside and proceed to press.

6.2 After pressure handle closed, heater will heat up from temperature1 to temperature 2, then time starts to count down to 0 indicating a printing cycle complete.

- Once you put a blank mug and press down the handle, temperature will fall down then start to go up because the mug is cold so circuit board shows the real temperature of the heater so will fall down then go up.
- The timer will automatically count down when heater heat up to temperature 2 setting
- After a printing cycle, temperature of heater will fall down to the temperature 1 setting.
- The time will automatically re-set and you are ready to continue with the next application.

Exploded Views



No.	Part Name(Chinese)	Part Name(English)	Part No.	Qty.	Remark
1	脚垫黑 XD1710-148	Rubber Foot	1800318	1	
2	折弯底板 GSB-01	Machine Base	1000402	1	
3	直纹把手 M6-18-10	Handle Screw	1000569	1	
4	定位块 GSB-03	Metal sheet	1000018	1	
5	热箍固定支架 CG-03	Holding Block	1000017	1	
6	肘夹固定板 GB-01	Holding Base	1000015	1	
7	杯垫护盖 GB-Y102	Heater Cover	1000019	1	
8	柱形门磁（车牙加工）MC-0627	Magnet switch	1800620	1	
9	调压螺杆（无牙）SSL-01	threaded rod	1800158	1	
10	快速夹钳 Clamp-01	Clamp	1000421	1	
11	手柄球 GS-JZN039	Ball Shape Handle	1800620	1	
12	推滑块C GB-Y101	Pressure Block	1000016	1	

14	直纹把手 M5-18-10	Handle Screw	1400159	1	
15	航空插头4芯（插座）公母倒装焊线 16F-4B-WD	Aviation Plug Male	1800924	1	
16	控制板面贴 STK-GS202	Circuit Board Sticker	1600549	1	
17	控制盒上罩壳浅绿 CB-T-01G	Control Box Top Cover	1200446	1	
18	过载保护器8A L1080271504-01	Fuse	1800348	1	
19	控制板 GSK-G03	Circuit Breaker	1800354	2	
20	船型开关 RK1-01	On/off switch	1800346	1	
21	IEC插座 DB-14-1	socket	1800344	1	
22	双排三位栅栏接线排 TB1503L	Terminal Block	1800345	1	
23	可控硅 DX146-10	Traic	1800586	3	
24	表盘底座B GC1-29B	Control Box Bottom	1000448	4	
25	表盘连接块 SG-05	Connecting block	1000013	2	For GS-203
26	柱栓10-72.5 GC1-21B		1200051	1	

Electrical Schematic

