MIR-AUS®
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HEAT PRESS ENKEL EN-S2333 23X33CM

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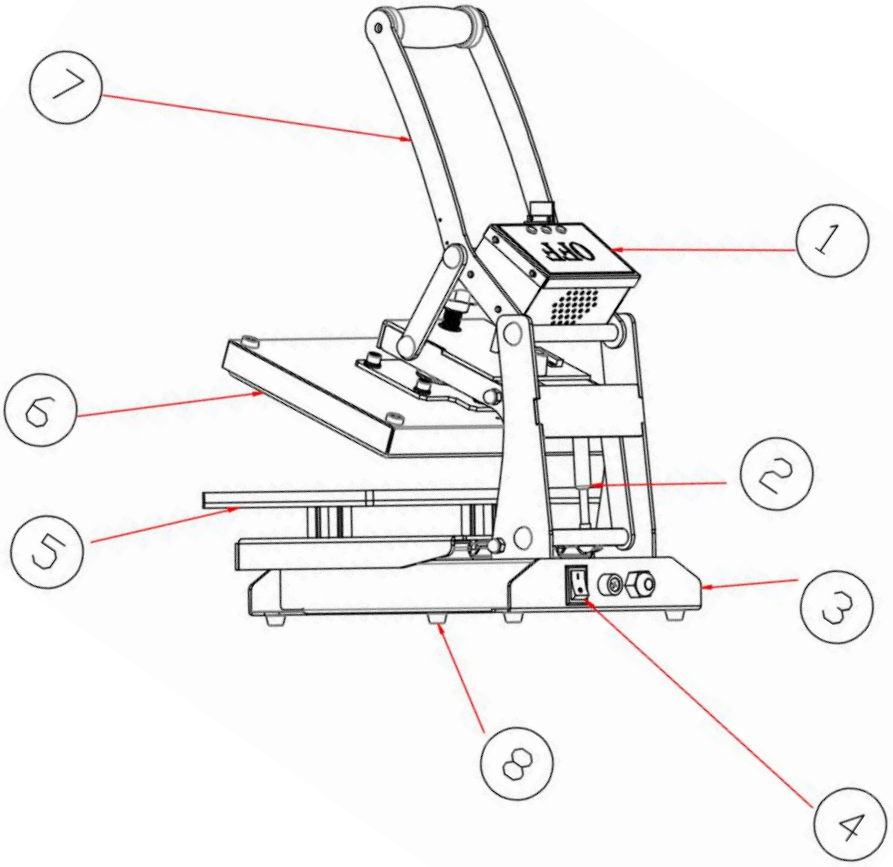
I. Assembly Drawing



1	GY-04 Digital Controller
2	Gas Spring
3	Machine Frame
4	Rocket Switch

5	Baseplate
6	Heating Plate
7	Handle
8	Machine Feet

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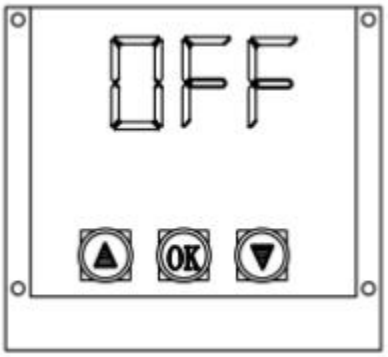
II. Technical Parameters

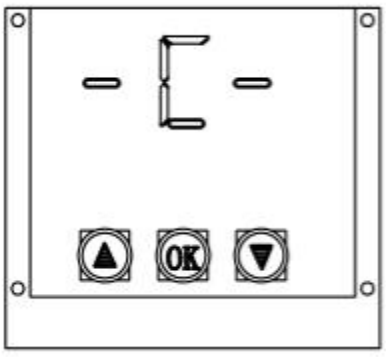
1. Model No.: ENKEL EN-S2333
2. Heat Platen Size: 9"x13" (23x33cm)
3. Voltage: 220V/1Phase; 110V/1Phase
4. Power: 220V/1.8KW; 110V/1.6KW
5. Recommend Setting: 30~280s; 180~200°C
   Time Range: 0~999s
   Maximum Temp: 225°C
6. Packing Size: 560*455*480MM
7. Gross Weight: 27kg

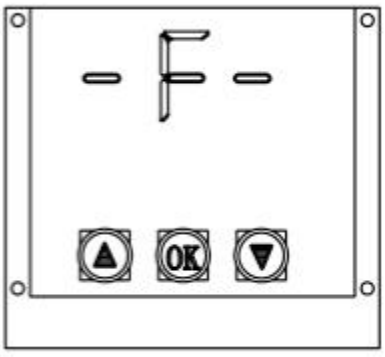
III. Operation Instruction

1. When you turn on the heat press machine, the display shows “OFF”.

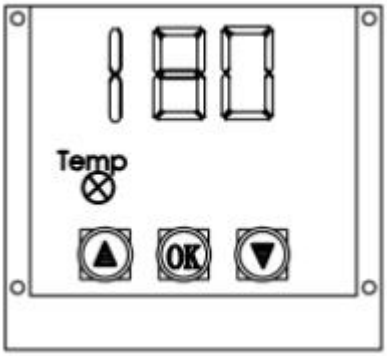


2. Press the “OK” button will shows the degrees Celsius “C”. You could use the Up or Down button to switch between degrees Celsius and degrees Fahrenheit.

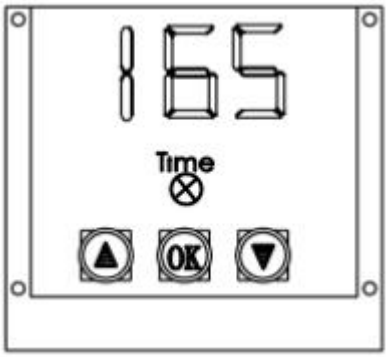




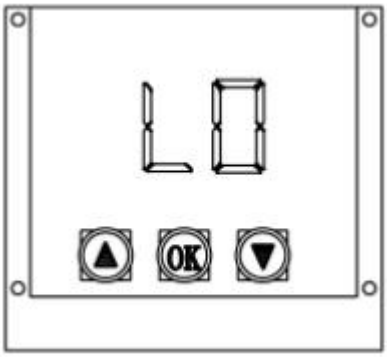
3. Press “OK” button to enter TEMPERATURE setting. When the TEMP indicator blinks, use Up/Down button to set the required temperature. (Temperature adjustable range: 100-225 C/212-437 F)



4. Press “OK” button to enter TIME setting. When the TIME indicator 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. If the temperature is below 100C/212F, then the display reads “LO”(low temperature).



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. When the heat platen has settled into its desired temperature, press down the heat platen, then the timer will automatically start counting down and CD-L indicator blinks. The timer will begin to sound once it reaches 3 seconds. The warning is meant to prepare the user to release the handle once the time reaches 0 seconds. When the handle is lifted, the timer will automatically sound off.

8. Long press the digital controller for 4-5 seconds, then can enter the engineering model:
P-5: Temperature Difference Calibration Mode, calibration range is -99 to +99
P-6: intermittent heating in advance before setting, setting range is from 1 to 20 Sec.
This function is to set the heating time and pause time after the machine enter the constant temperature mode. The setting parameters is different according to different size of heat platen.
P-7: Constant temperature in advance before setting, setting range is from 1 to 9 degree.
This function is to set when the machine will enter the constant temperature mode. You could set a temperature value that you want to enter to constant temperature before it reach the setting temperature.
For example, the setting temperature is 180C and P-7 is 10C, then when the temperature reaches 170C, it will enter the constant temperature mode, heating and pause in cycle to avoid overheat.

P-8: constant temperature mode, when reach the setting temperature, the machine will stop heating for 1 seconds then will keep heating for few seconds, setting range is from 0 to 9 Sec.
P-9: Countdown mode: “No”means when the machine work, it will count down, “Yes”means when reach the setting temperature, the machine will enter the countdown mode.

IV. Maintenance

1. No action after turn on the machine

1). Check the plug whether it connects well or whether it is broken.
2). Check the power switch or digital controller whether it is broken.
3). Check the fuse whether it has been burnt out.
4). Indicating light is on, but no display on screen, check the 5 cable of Railway transformer. If it's loosening,
showing the problem is poor connection. If they connects well, showing that the Transformer is faulty.

2. The display screen are working well, but no temperature increasing on the heat platen.

1). Check whether the thermocouple of the heat platen touches well. If the thermocouple is loose, the display will
show 255 and machine keeps beeping.
2). Check if the indicating light of solid-state relay is on, if not, check if the relay or digital controller is broken.
3). If you already changed the new solid-state relay but the heat platen still can't heating up, check if the heat platen
is faulty or the heat platen's power cable is loose, need to change by new heat platen.

3. The heat platen works well, but suddenly the display screen show 255℃.

1). Check whether the thermocouple of the heat platen touches well.
2). If the thermocouple touches well but still show 255℃, then it is faulty.

4. The machine is heating during 0~180℃, but display number jumps to above 200℃ or 300℃ suddenly, or
the numbers on display jumps irregularly.

1). Check whether the thermocouple of the heat platen touches well.
2). If the thermocouple is good, It shows that the program of digital controller is broken, which namely IC or is
broken, need to change by new controller.

5. The temperature is out of control: Set 180℃， but the actual temperature is above 200℃。

1). It means the solid-state relay is broken, out of control, need to change the relay.
2). Or the digital controller is faulty and it keeps conveying electric to relay, need to change controller.

6. The setting temp and time becomes abnormal after exchange the heat platen
1). Please reset the temp and time according the operation process manual.

7. Other notice
1). In order to prolong the machine service life, please add the lubrication oil regularly on the joints.
2). In order to keep the heating elements' good transfer effect, you need to protect the heat platen carefully
whenever you are using it or not.
3). Please keep the machine in dry place.
4). If you are not able to solve the electrical parts problem, please kindly contact the supplier and get technical
support.

V. Trouble shooting for transfer print quality

1. If the print color is pale: the temperature is too low / the pressure is not correct / or not pressed long enough.
2. If the print color is too brown or the transfer paper is almost burnt: reduce the setting temperature
2. If the print is blurring: too much transfer time causes proliferation.
3. 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.
4. If transfer paper stick to the object after transfer: the temperature is too high/ or poor quality printing ink.

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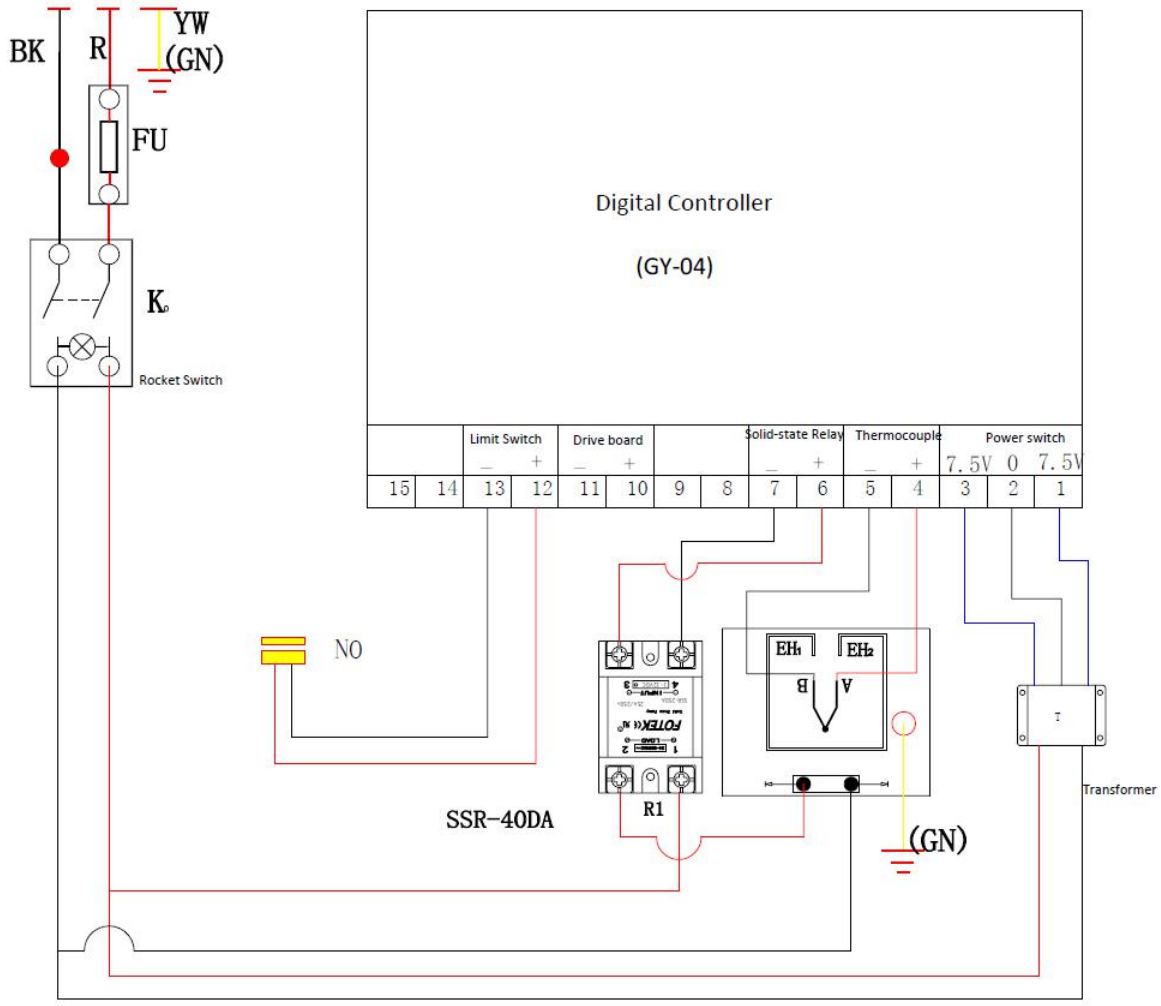
VI. Circuit Diagram



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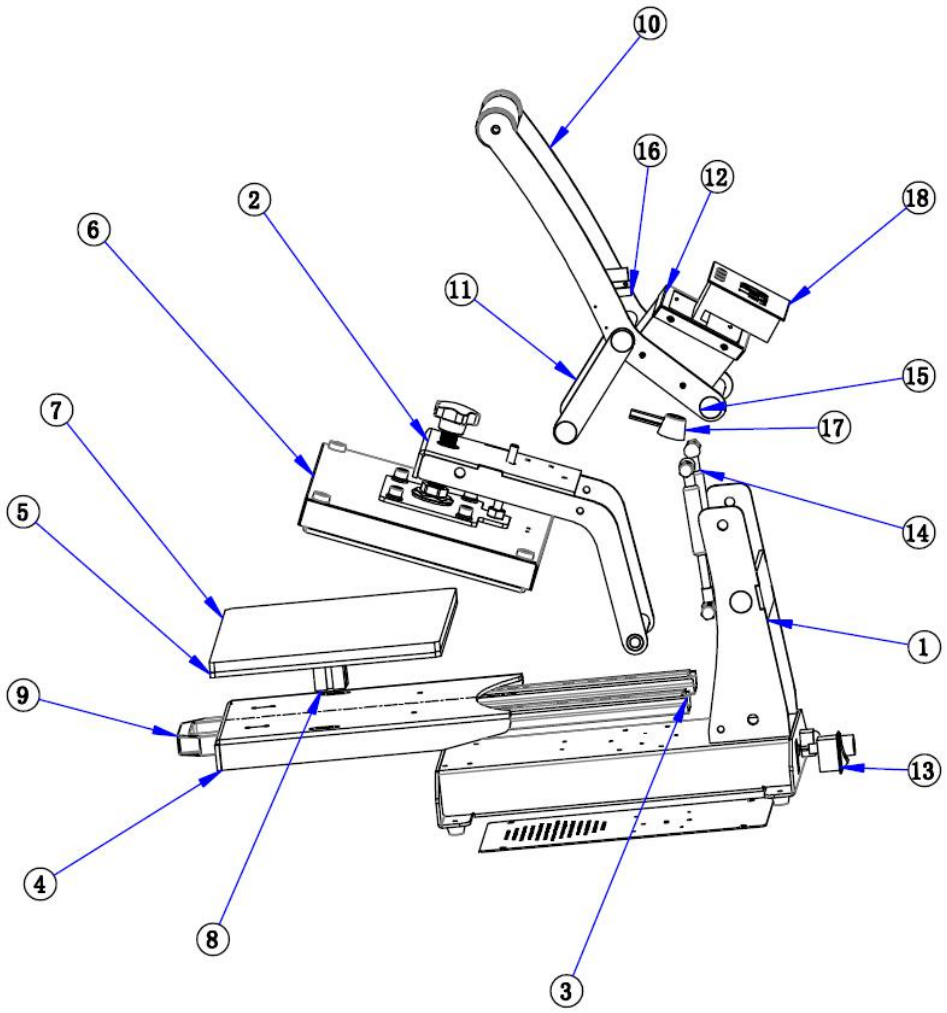
VII. Explosion View



1	Baseplate Module
2	Lazy Arm Module
3	Slide Rail
4	Pull-out Rack
5	Baseplate
6	Heating Plate Module
7	Silicon Pad
8	Pole
9	Plate Handle

10	Handle
11	Connecting board
12	Housing
13	Rocket Switch
14	Gas Spring
15	Screw
16	Magnetic Door Contact
17	Machine Feet
18	GY-04 Digital Controller