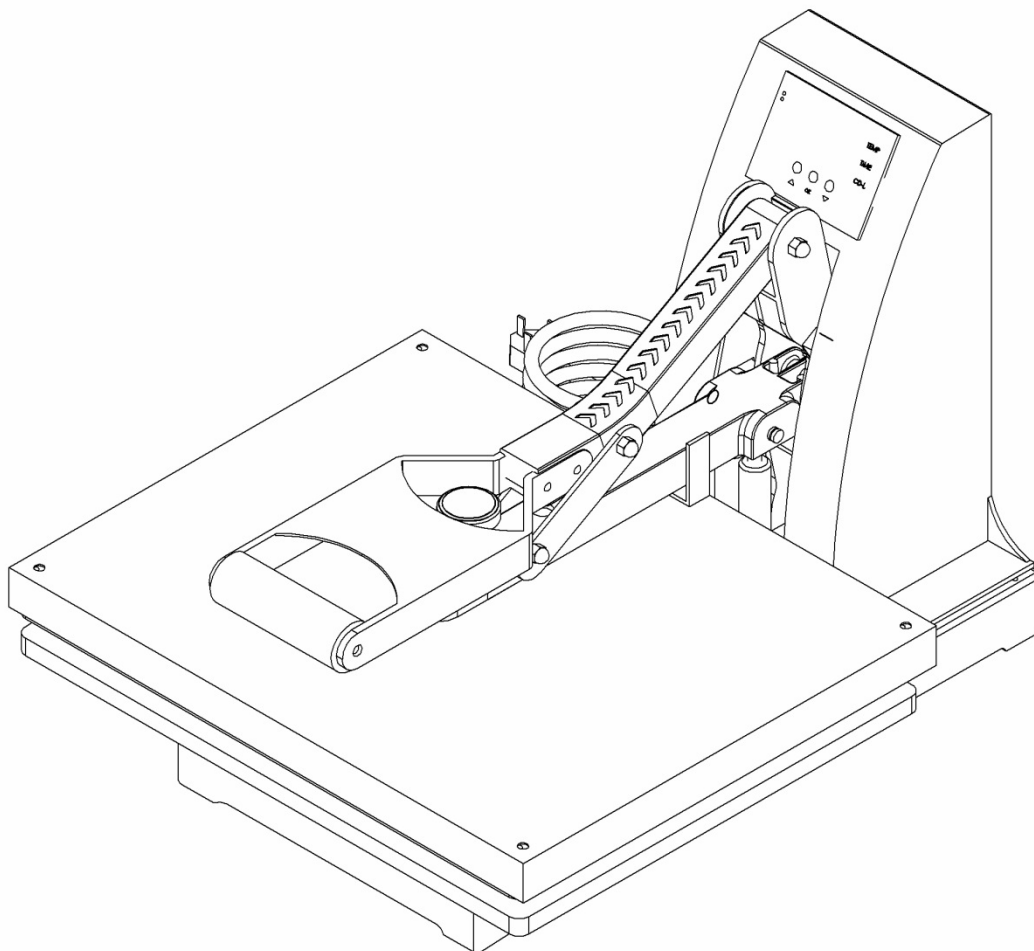




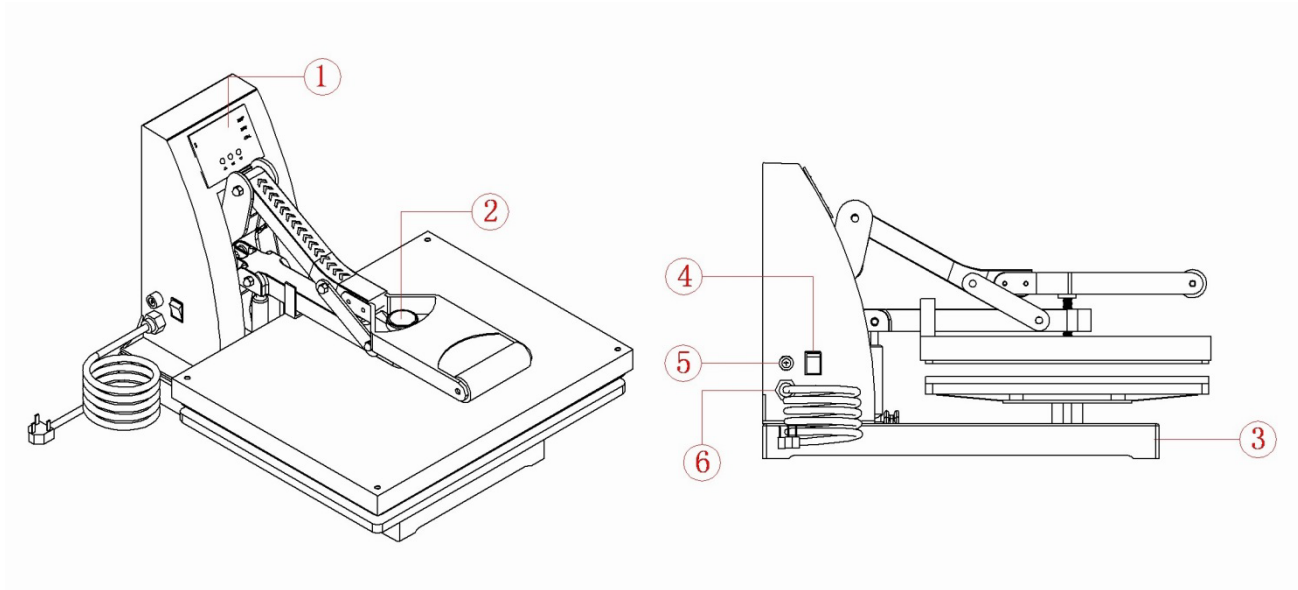
Manual Clam Heat Press Model Nos.: XP7601 & XP7605



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I. Assembly Drawing.




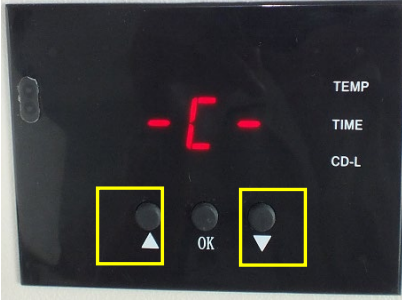






- 1) GY-04 Digital Controller 2) Pressure Adjust Knob 3) Machine base 4) Power Switch
5) Fuse 6) Power Cord

II. Technical Parameters.



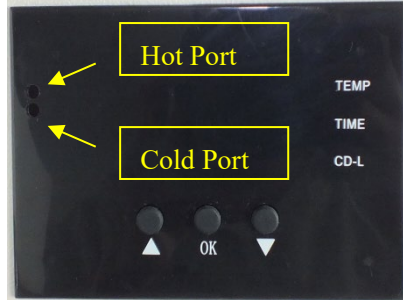



1. Model Nos.: XP761 & XP7605
2. Machine Dimension: 415x676x620mm
3. Heat Platen Sizes: 38x38cm and 40x50cm
4. Printable Articles Max Size: 400x600x20mm
5. Voltage: 220V/1Phase, 110V/1Phase
6. Power: 220V/1.8kW: 110V/1.2kW
7. Recommend Setting: 30~280s; 180~200°C
Time Range: 0~999s
Maximum Temp: 225°C
8. Packing Size: 71x50x53cm/75x60x52cm
9. Gross Weight: 24kg/34kg

III. Operating Process.

1. Set temperature required.

		
<p>Turn on power switch, temperature light is ON. The digital display shows</p> 	<p>Press  button, the  light is on (C denotes Celsius). Press arrows '△' or '▽' to select '°C' or '°F' (F denotes Fahrenheit) according to your habits.</p>	<p>Press  button, the temp light is on. Using the arrows select the temperature, according to different transfer material (Normally 180°C ~200°C)</p> 

2. Set time required

		
<p>Press  button after temperature setting and the  time light is on. Using the arrows select the time according to different transfer material.</p>	<p>Press  button after time setting; the display shows the temperature starts to rise. "CD-L" shows the time counting down during your transfer.</p>	<p>Note: There are two small ports in the front side of the digital display. If the real temperature is lower than digital controller shown, you can adjust the "hot port"; Clockwise to Raise the temperature; anticlockwise to reduce the temperature.</p>

NOTE: If 'LO' appears on the display, this is part of the program. Once the temperature rises to approx. 100°C the display will change from 'LO' to the actual temperature.

3. Printing methods.

Step 1: Make sure the cord is connected firmly to the wall socket. Slide out heat platen and place the object (i.e. T-shirt) on press bed, then put transfer paper with image facing down onto the object. Adjust the pressure to your requirement and turn on the power.

Step 2: Set the temperature and time required (see above) and the temperature will start to rise.

Step 3: When the temperature has risen to the setting required, the buzzer will sound; you can then lower the heat platen (in the meantime the buzzer will stop). This starts the transfer cycle.

Step 4: Then the time counter is on, once time is up, open the upper heat platen.

Step 5: Consult the Transfer Paper instructions on whether to peel cold or hot.

Here are suggested Pressing time guidelines for different transfer papers:

- Ink-Jet Transfer Paper (fabric) 14-18 seconds.
- Sublimation Transfers (onto Fabrics) 25-30 seconds.
- Sublimation Transfers (onto FR-Plastic/Woods) 60-70 seconds.

4. Recommendations:

1) Ceramic tile transfer: (Mugs & Plates transfer is similar)

- Set temperature: 180°C.
- Set time: 180 seconds.

2) T-shirt transfer:

- Set temperature: 180°C.
- Set time: (chemical fibre use for sublimation transfer paper: 30-50 seconds; pure cotton use for T-shirt transfer paper: 10-20 seconds).

3) Aluminium sheet transfer:

- Set temperature: 180°C.
- Set Time: 45 seconds.

PLEASE NOTE:

1) Switch off the machine and unplug the power cord when the machine is not in use.

2) The heat platen will cool down to the room temperature if the heat press stays unused for more than 30 minutes.

3) For better maintenance of your heat press the maximum setting temperature is 210°C (410°F).

4) To avoid re-heating the first transfer when printing double sided T-Shirts, insert a sheet of cardboard inside the T-shirt; Remember to adjust the height to less pressure before you press.

5) Heat platen may pivot slightly back and forth rotationally. This is normal and is due to the movement allowance within the assembled clamp.

IV. Maintenance.

1. The machine will not work after you turn on the power.

- 1). Check the plug is connected well or that it is not broken.
- 2). Check the power switch or digital controller is not broken.
- 3). Check the fuse is not blown.
- 4). Indicating light is on, but no display on screen, check the 5 cable of Railway transformer. If it is loose, this indicates that the problem is poor connection. If it is securely connected, it indicates that the Transformer is faulty.

2. The display screen is working well, but the heat platen temperature does not rise.

- 1). Check whether the thermocouple of the heat platen is secure. If the thermocouple is loose, the display will show 255°C and the machine will keep beeping.
- 2). Check if the indicating light of the solid-state relay is on. If not, check if the relay or digital controller is broken.
- 3). If you have already replaced the solid-state relay for a new one but the heat platen will still not heat up, then check to see if the heat platen is faulty or the heat platen's power cable is loose, you may need a new heat platen.

3. The heat platen works well, but suddenly the display screen shows 255°C.

- 1). Check whether the thermocouple is secure.
- 2). If the thermocouple is firmly attached but the controller still shows 255°C, then it is faulty.

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

- 1). Check whether the thermocouple of the heat platen is firmly attached.
- 2). If the thermocouple is OK, it shows that the program of the digital controller is broken. You will need to replace it for a new controller.

5. The temperature is out of control: Set to 180°C, but the actual temperature is above 200°C.

- 1). This indicates that the solid-state relay is broken/ out-of-control; You will need to replace the relay.
- 2). Alternatively, the digital controller could be faulty with an open circuit providing constant power; You will need to replace the controller.

6. The setting temp and time becomes abnormal after you have replaced the heat platen.

- 1). Please reset the temp and time according to this operators' manual.

7. Maintenance.

- 1). To prolong the machine's service life, you should regularly lubricate all mechanical joints with light machine oil.
- 2). Care should be taken to protect the heat platen whenever the machine is not in use. This will prolong the life of the platen and help to keep the image quality of your work high.
- 3). The machine should be stored in a dry place.
- 4). If you are not able to solve your problem, please contact heatpressesdirect.com for technical support.

8. The following checks should be carried out at regular intervals by a qualified and competent person:

-

- Electrical connections
- Mechanical moving parts

V. Trouble shooting for transfer print quality.

1. If the print colours are pale: the temperature is too low / the pressure is not correct / or the transfer has not been pressed for long enough.
2. If the print colour is too brown or the transfer paper is almost burnt reduce the setting temperature.
3. If the print is blurring too much transfer time causes proliferation of the ink.
4. If print colour is different/ partial transfer effect is not good enough: the pressure is not enough / or the transfer has not been pressed for long enough / or poor-quality transfer paper.
5. If transfer paper sticks to the object after transfer: the temperature is set too high/ or poor-quality printing ink.

VI. Heat Plate Temperature Measurement

Testing of the Heat Plate for temperature consistency or fault condition should only be undertaken after consulting a qualified engineer, and then only using a wired Digital Thermometer (***please see note below**).

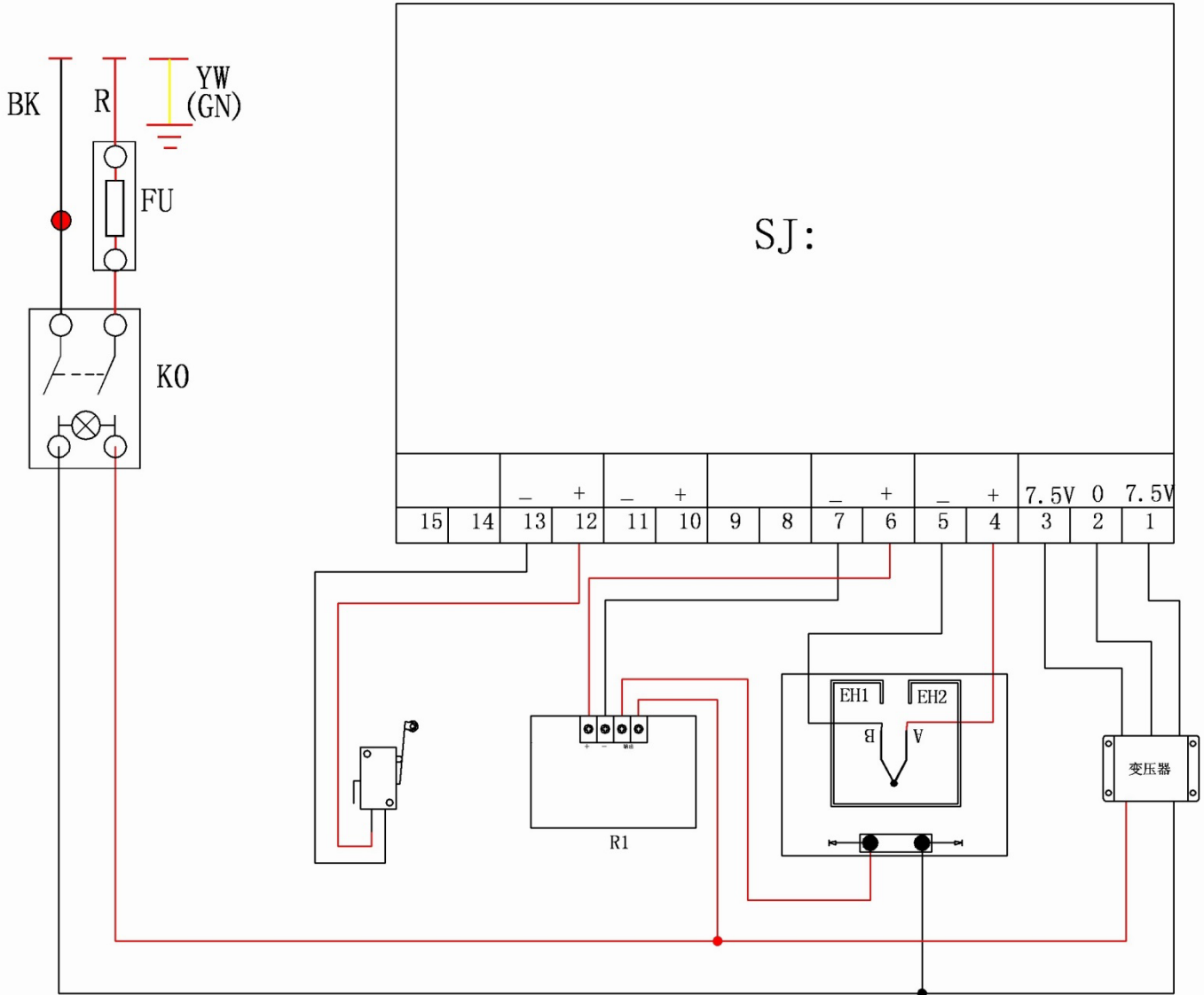


***Please Note:**

The **Digital Thermometer with external probe** is suitable for surface, air and immersion/penetration measurement, which is required for all Heat Presses Direct heat presses.

Laser Thermometers only measure air surfaces which can be misleading due to currents of hot air floating on the surface of the heat plate.

VII. Circuit Diagram.

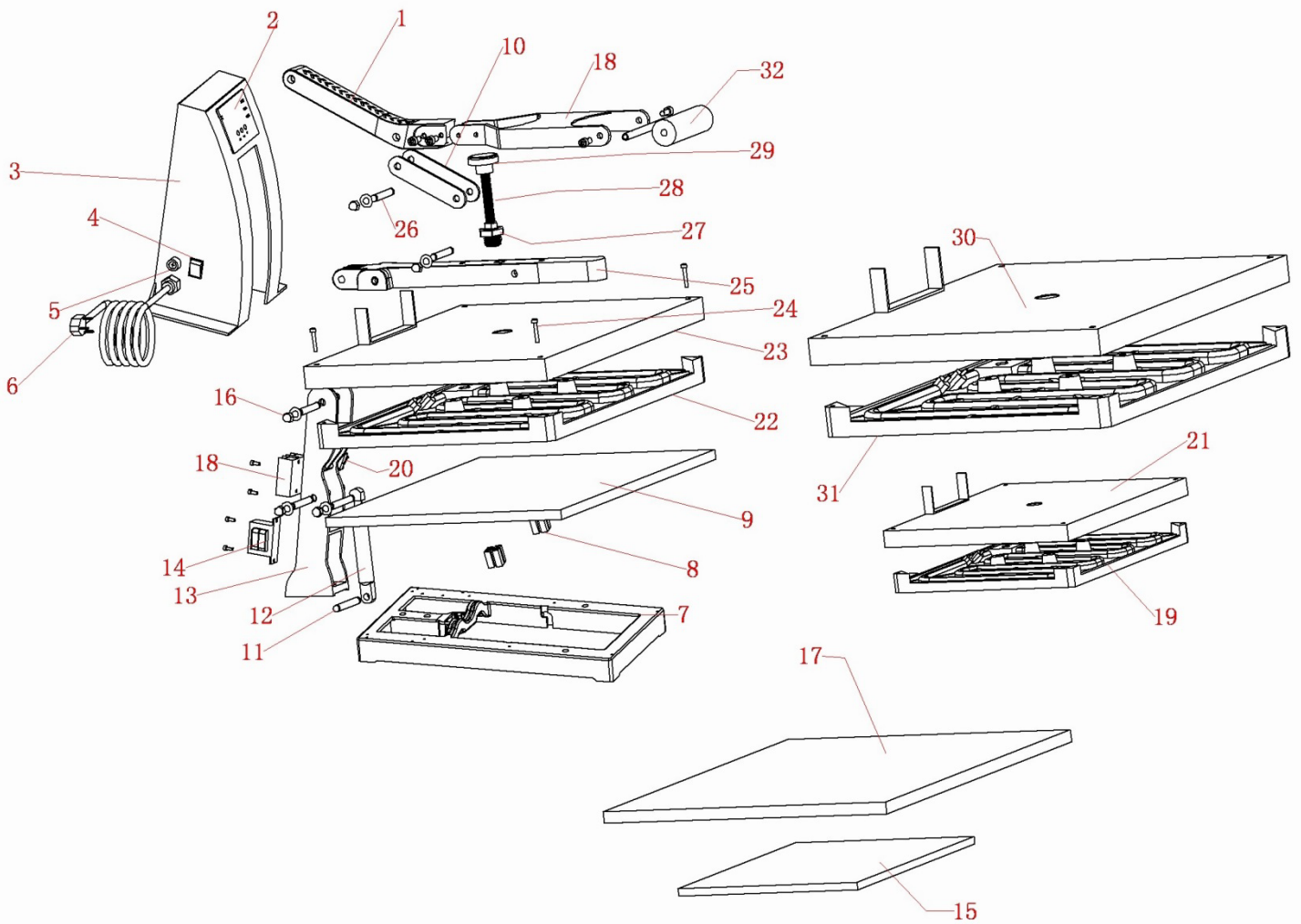


KO: Power Switch
 EH1 EH2: Heating Pipe
 T: Transformer

K2: Limit Switch
 SJ: Thermostat
 R1: Relay

FU: Fuse(16A/25V)

VIII. Exploded Diagram.





Item No.	Part Description	Qty.	Part No.
1	Handle Arm	1	
2	GY-04 Digital Controller	1	
3	Electronic Control box	1	
4	Power Switch	1	
5	Fuse Holder	1	
6	Power Cord	1	
7	Machine Base	1	
8	Under Plate foot	2	
9	Under Plate	1	
10	Connector	1	
11	Handle fixed shaft	1	
12	Gas Spring	1	
13	Pillar	1	
14	Transformer	1	
15	Bottom Plate	1	

16	Half Round Nut	10	
17	Under Plate	1	
18	Relay	1	
19	Heat Platen	1	
20	Limit Switch	1	
21	Heat Platen Cover	1	
22	Heat Platen	1	
23	Heat Platen Cover	1	
24	Flat Cross-screw	4	
25	Davit Arm	1	
26	Handle Shaft	3	
27	Pressure adjust Nut		
28	Pressure adjust Screw	1	
29	Five Star Even Wheel	1	
30	Heat Platen Cover	1	
31	Heat Platen	1	
32	EVA Handle Bar Grip	1	



Charterhouse Holdings PLC

DECLARATION OF CONFORMITY

Application of Council Directives:	European Low Voltage Directive (LVD), European Machinery Directive (MD), Electro Magnetic Conformity (EMC)
Standards to which Conformity is Declared:	(LVD): <u>EN 60204-1:2018</u> (MD): <u>EN ISO 12100:2010 2006/42/EC Annex1</u> (EMC): <u>EN 61000-6-2:2019</u>
Manufacturer's Name:	Charterhouse Holdings PLC
Manufacturer's Address:	Oakridge Park, Trent Lane, Castle Donington, Derby DE74 2PY United Kingdom
Type of Equipment:	Manual Clam Heat Press
Standards Compliance:	 
Model Number:	XP7601.....
Serial Number:
Year of Manufacture:

I, the undersigned, hereby declare that the equipment specified above conforms to the above directives and standards.

Place: Castle Donington, United Kingdom

Signature: 



Date: 15th June 2023

Full Name: Miles Carter
Position: Chief Executive



Charterhouse Holdings PLC

DECLARATION OF CONFORMITY

Application of Council Directives:	European Low Voltage Directive (LVD), European Machinery Directive (MD), Electro Magnetic Conformity (EMC)
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Manufacturer's Name:	Charterhouse Holdings PLC
Manufacturer's Address:	Oakridge Park, Trent Lane, Castle Donington, Derby DE74 2PY United Kingdom
Type of Equipment:	Manual Clam Heat Press
Standards Compliance:	 
Model Number:	<u>XP7605</u>
Serial Number:
Year of Manufacture:

I, the undersigned, hereby declare that the equipment specified above conforms to the above directives and standards.

Place: Castle Donington, United Kingdom

Signature: M.S. Carter

Date: 15th June 2023

Full Name: Miles Carter
Position: Chief Executive