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CHM01

# PixMax Cap Press

**PixMax**

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# Specification

## Product Description

The PixMax Cap Press is an essential product for producing personalised gifts. It allows the user to transfer garment vinyl or press sublimation designs on to baseball caps, ski-hats, beanies and snap backs, whether an established business or as a part time hobby.

We understand this is a new and exciting purchase for most customers, although it's tempting to get stuck in please read these instructions before using the machine.

## Item Contents

PixMax Cap Press and 10 sheets of sublimation paper  
Power cable with 13A UK plug

## Technical Information

Voltage: 220V

Power: 300W

Time Range: 0-999 seconds

Temperature Range: 200-430°F

## Monster Guarantee

If you wish to return a product in perfect working order, we provide a 14 day returns policy as long as the item is unopened and in a resalable condition. All heat press elements are classified as consumables items, therefore we only cover these parts with a 28 day guarantee. A 12 month warranty applies to all of our electrical products, we will cover labour, parts and delivery charges. Our policy is to try and fix the item before arranging an exchange or refund. For full terms and conditions contact our Support department via the details on the Contact page.

# Specification

## Product Features

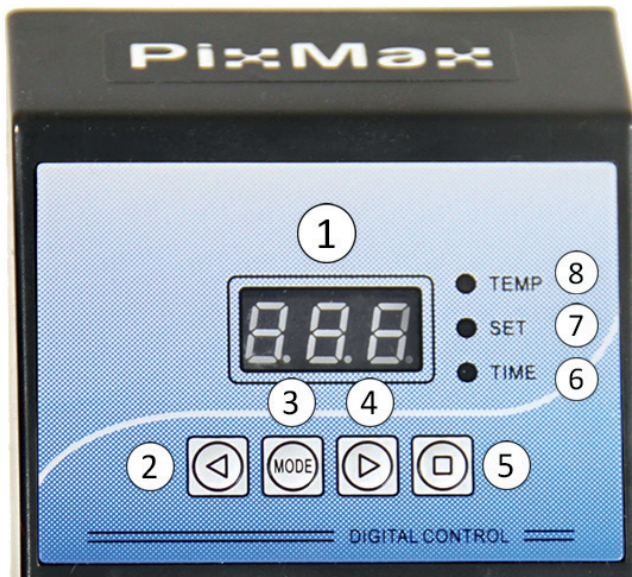
- 1) Main Stand
- 2) Convex Cap Press Pad
- 3) Concave Cap Press Pad
- 4) Central Pressing Arm
- 5) Press Handle
- 6) Pressure Adjustment Knob
- 7) Control Unit Interface
- 8) ON/OFF Switch



**Please Note:** To prolong the life of the product, general maintenance is required. Every so often, add a few drops of light oil to any moving parts and linkages on the machine.

# User Guide

## Control Unit Interface



- 1) LED display
- 2) Left arrow key - decreases value shown
- 3) MODE key - adjusts temperature and time menus
- 4) Right arrow key - increases value shown
- 5) SET (square) key - allows temperature to rise from the idle to the target temperature
- 6) Time indicator - solid light indicates you are changing the time  
- light flashes when timer is counting down
- 7) Set indicator - indicates you are in a settings menu  
- single light sets the idle temperature
- 8) Temperature indicator - indicates you are setting the target temperature

# User Guide

## Set-Up Instructions

The temperature is displayed in Fahrenheit, any Celsius requirements will need to be converted prior to pressing.

1) Before plugging in the power lead ensure the element cable is attached into the socket on the control unit.

2) Attach the power lead to the rear of the control unit and turn the ON/OFF switch on.

3) First set the target temperature, this is the heat setting you wish to press at. Press the MODE button twice to enter the target temperature menu.

Use the arrow keys to adjust the temperature to the required level.

4) Press the MODE button once to confirm the target temperature and move into the time menu.

Use the arrow keys to adjust the time settings in seconds.

Once the time has been set press the MODE button again to exit all menus.

5) Now the idle temperature must be set, press the MODE button once.

This is not the working temperature, it provides a resting temperature for the press to drop down to when not in use, without going completely cold.

Use the arrow keys to adjust the temperature to the required level.

Note: the idle temperature should not be set any higher than the target temperature, for example - if the target is 365°F then the idle could be set at 362°F.

6) Finally press the MODE button three times to confirm this idle temperature.

The screen will show the current temperature which will begin to increase and reach your idle temperature.

# User Guide

## Operation Instructions

- 1) Connect the element cable of the cap press to the control unit, make sure to screw the metal cap that surrounds the plug into place.
- 2) Set your idle temperature, target temperature and time settings on the control panel - see "Set-Up Instructions".
- 3) Prepare your design and mug for pressing - see "Printing & Design Instructions".
- 4) When the press reaches the idle temperature an alarm will sound to notify you.

Note: On first use the element will take a while to heat up and may produce some smoke.

- 5) Insert the prepared cap into the press and close the press handle so there is a tight pressure around the hat. Do not exert excessive pressure on the machine as it will cause damage.

Adjust the pressure if it is too tight or too loose. Unscrew the pressure knob to increase the height of the handle and loosen the pressure. Screw it down to decrease the height of the handle and increase the pressure.

- 6) Press the SET (square) key to allow the temperature to rise from the idle temperature to the target temperature. The temperature may drop to begin with due to contact with the colder hat.

- 7) When the press reaches the target temperature an alarm will sound to notify you, then the timer will automatically start and again sound an alarm when finished.

- 8) Release the lever and remove the cap from the press using heat proof gloves.

Press the SET (square) button and the element will drop back down to the idle temperature, ready to press another cap.

Allow time to cool before removing the design.

**Note:** Elements are classed as a consumable "wear and tear" item which can be overused until they stop working, similar to brake pads on a car. New elements can be purchased direct through our Sales team via the details on the Contact page.

# User Guide

## Recommendations

Please read through the settings below. These are recommended settings for the temperature and time depending on your materials that we believe give the best results from sublimation pressing. You may find alternative temperatures and times work for your personal requirements.

Pressing garment vinyl	Cotton, polyester or poly-cotton hats
Approx idle temperature	325 °F
Approx target temperature	329 °F
Approx time settings	15 seconds

Pressing sublimation designs	Polyester or poly-cotton mix hats
Approx idle temperature	365 °C
Approx target temperature	370 °C
Approx time settings	50 seconds

These temperatures and times may alter or change depending on the sublimation paper, sublimation inks or type of consumable you are looking to press. We advise you test out printing to achieve your ideal style before pressing onto your final item.

All of the following products are sold by Monster Doodles and can be purchased using the details on the [Contact Us](#) page.

Sublimation paper can be used with sublimation printers or with ink jet printers that are compatible with sublimation inks.

Sublimation heat tape can be used to hold your designs in place when pressing with any of our sublimation heat presses.

Teflon heat pressing sheets are ideal for keeping your heat press machine clean, providing a barrier between the platen and the design, as well as keeping your designs in place when pressing.

# User Guide

## Printing and Design Instructions

These instructions are based on the use of sublimation paper, sublimation ink and sublimation compatible printers.

It is important to ensure your designs are printed correctly before pressing. Please follow these step by step sublimation instructions.

1) Create the logo, literature or image that you wish to print onto your product. This can be done on any design or word processing software. Make sure the size of the image will fit the product you are printing onto.

2) Once you are ready to print, set the print option to mirror the design, this is essential to ensure your design sublimates onto the product correctly. This setting can often be found in the Printer Settings menu and under the Page Layout section.

3) Ensure the inks are fully functioning with your printer; a test print of your design can be done on regular plain paper however the colour depth may appear different. If you are happy with the quality of the print then move to the next step, if not check your printer maintenance options and try printing at a higher quality.

4) Load the PixMax sublimation paper into the ink jet printer with the whitest and brightest side facing to the front. This is important to make sure the design will transfer onto the product at the pressing stage.

5) Once the image has printed allow 45 minutes for the ink to dry as it will appear very wet and can smudge easily. Trim the sublimation paper around the design but be careful not to trim too close.

6) The design can now be attached to the item using heat resistant tape, ensure there are no creases in this paper as it may affect the final print.

In order to achieve the ideal print we advise testing your prints on unused products first, adjusting the controls to find the optimum temperature, pressure and time.



# Troubleshooting

## Resolution Guide

Please read through the guide below if you have any issues or faults with your mug press. The information covers and resolves the majority of frequently asked questions.

**Q: When my cap press element heats up it begins to smoke.**

A: This is quite common for the element to release a little white smoke when heating up, especially on the first couple of uses. This is simply residue and adhesive within the element burning off, it will not affect the heat press.

If the press begins to produce very excessive amounts of smoke from the element or cable or produces black smoke, switch off the press and remove the power cable. Do not attempt to switch it back on, call our Customer Support team via the details on the Contact page.

**Q: When I press my design the ink is not transferring on to the cap.**

A: Ensure you are using dye sublimation inks as this is the only kind of ink that will sublimate on to the mug. If you are using standard printing ink, pigment ink or another non-sublimation ink it will not work.

Check the ink has been printed on to the correct side of sublimation paper, you should print on the shiny/bright side.

Be sure that the hat is made from polyester or at least 70% polyester in a poly-cotton mix, this is the only material that will allow the inks to transfer across.

Finally, check the press to ensure it is heating up correctly, if the control unit is not reaching temperature or the element is cold please contact our Customer Support team via the details on the Contact page.

**Q: When I press my hat the images fade out on the edges of the design.**

A: Ensure the press is providing a strong pressure against the cap and the design is taped flat against the mug. There may be a deficiency in heat on the element - contact our Customer Support team via the details on the Contact page.

# Troubleshooting

## Resolution Guide

**Q: When pressed onto the product the colour of the design is faded.**

A: This can mean one of three things, the pressure is too low, the temperature is not hot enough or the design has not been pressed for enough time. You may want to experiment on unused hats until the optimum print is found. Ensure there is a firm even pressure on the product, increase the temperature by 10 °C and the time by 10 seconds until a clear print is achieved.

**Q: When pressed onto the product the whole design is blurred or broken.**

A: This can happen because the design has been pressed for too long. Decrease the time in 10 second increments until the print appears sharper.

**Q: When pressed onto the product part of the design is blurred.**

A: This means the heat is inconsistent across the design. Ensure the pressure is even on the product, the sublimation paper is entirely flat and the design is completely still whilst pressing.

**Q: The sublimation paper is sticking to the product**

A: This can happen because the temperature is too high or the surface of the product is not the right quality. Ensure the product is made from polyester and lower the temperature in 10 °C increments.

**Q: There is brown/yellow staining on the product or around the image.**

A: This means the heat is too high and the paper is burning. Reduce the temperature by 10 °C until the browning stops. If the image then looks blurry or faded increase the time by increments of 10 seconds.

**Q: My sublimation paper is not drying after I have printed it.**

A: The sublimation paper will require a period of time to dry after printing before applying to the mug. If you are experiencing a lot of wet ink on the surface of the paper then it may be due to the print quality settings - try reducing to standard or default and selecting normal paper, as this will reduce the amount of ink printed on to the paper.

# Troubleshooting

## Resolution Guide

**Q:** When I turn on the press the display shows “E2”.

**A:** If the numbers on the display rise up and shows this message then the element may not be plugged in correctly. Ensure all the power is switched off and the power lead is not plugged into the press. Plug the element in properly and turn the press back on, if the problem persists there may be a faulty connection. Contact our Customer Support team via the details on the Contact page.

**Q:** The Teflon (white) cover on my press element has started to bubble and crease.

**A:** This is due to the adhesive evaporating in the element. Only some of the adhesive will evaporate so the Teflon sheet will still be attached to the element. This should not cause any issue with the quality of the printouts however if you feel that you are experiencing adverse affects due to this please contact the Customer Support team via the details on the Contact page.

**Q:** The temperature on my control unit is not rising and the element is cold.

**A:** There may be a fault with the control unit or element, please contact our Customer Support team via the details on the Contact page.

For all other issues please contact our Customer Support department via the details on the Contact page.

# Safety Advice

## Safe Working Practice

Please read through the safe working practice to ensure prevention of injury or damage to the device.

Do not operate the device in areas of high temperature or humidity as the machine may not function correctly.

Do not use the machine if the adaptor wire is frayed or damaged.

When the device is not in use ensure that the power plug is removed from the socket. This will prevent damage to the appliance through power surges.

If you need to detach any parts of the press, it is essential to remove the plug from the socket first and allow the elements time to cool down.

Use heat protective gloves when removing items from the press.

Turn off the heat press if you are not using it for a long period of time, this will help preserve the element.

Ensure the white Teflon heat pad covers are on the element during pressing to prevent any damage. If not you can wrap a Teflon sheet around the item when pressing.

Do not let children use the machine, regardless of supervision.

This press will get hot during operation, avoid touching the heating components to prevent burns.

Do not exceed the locking limits of the press handle as this will cause damage.



# Contact Us

## Sales Department

For information regarding this device or other products from our Monster divisions please use the following details below.

Tel: 01347 878888

Email: [hello@monstershop.co.uk](mailto:hello@monstershop.co.uk)

## Support Department

For queries about this device, warranty, returns or reporting faults please use the following details below.

Tel: 01347 878887

Email: [help@monstershop.co.uk](mailto:help@monstershop.co.uk)

## Website

To view our product range and fantastic offers in the Monster divisions please visit our website

[www.monstershop.co.uk](http://www.monstershop.co.uk)

## Address

To visit our office Monster House and view our products, send postal correspondence or return items our address is provided below.

Monster House, Alan Farnaby Way, Sheriff Hutton  
Industrial Estate, Sheriff Hutton, York YO60 6PG



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Our dedicated customer service team will be more than happy to help with any questions you may have.

Home & Garden  
Storage Shelving  
Sign & Digital  
Retail & Hospitality  
Commercial Equipment

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