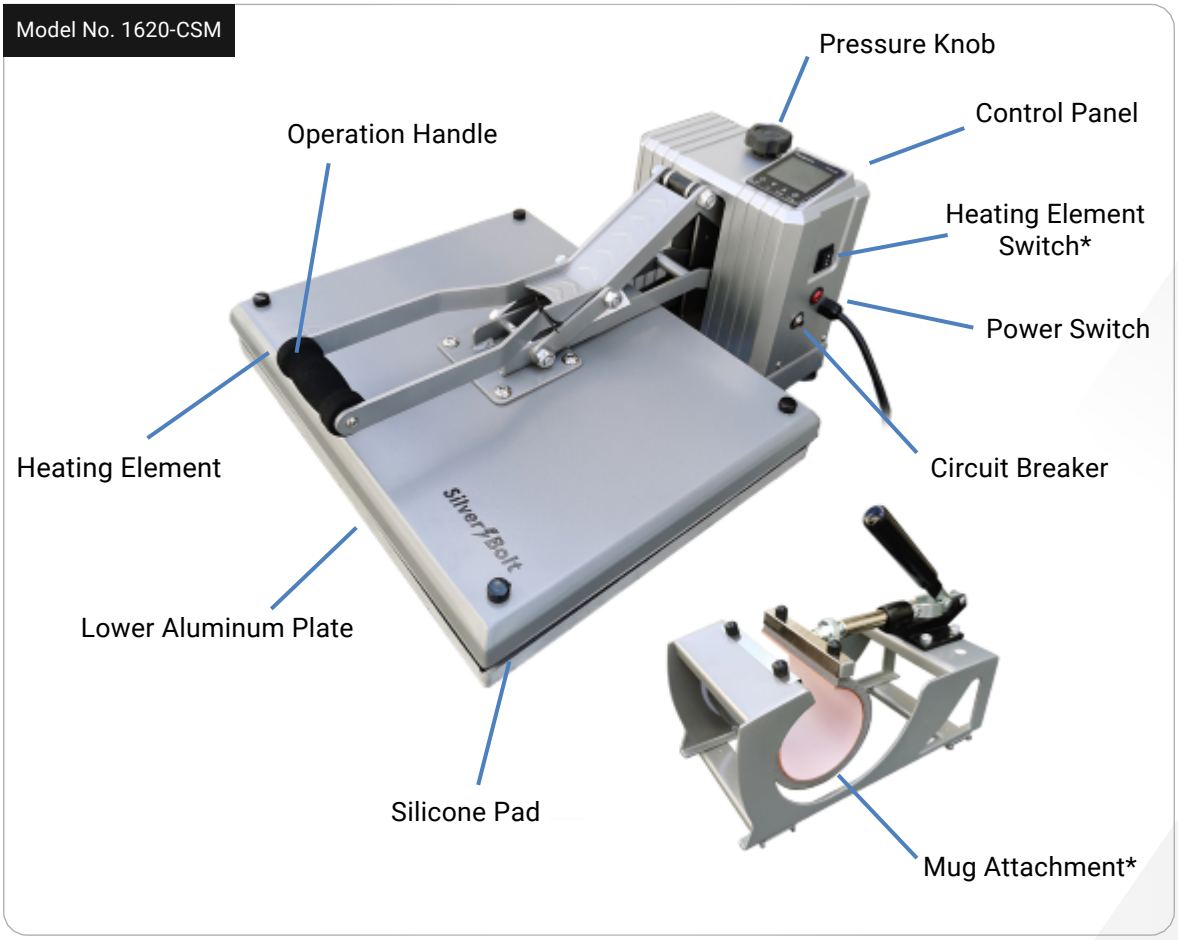
SilverBolt

USER MANUAL

SilverBolt 1620-CSM

REV 10/29/2021

TABLE OF CONTENTS



SPECIFICATIONS:

Model NO: SilverBolt 1620-CSM

Voltage: 110V**

Power: 1800W

Control Panel: LCD Control Panel

Time Range: 0~999sec.

Temp. Range: 0~480˚F

Packaging: Double-walled Corrugated Paper Carton

Gross Weight: 86 lbs (39 kg)

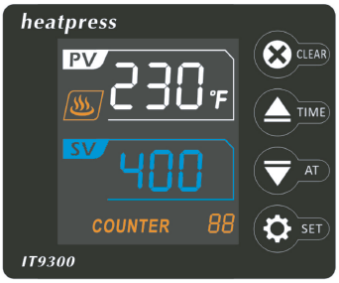
*To learn more about the Heat Element Switch, see page 8

** For best results, 16” by 20” heat presses should be run on a dedicated 20-amp circuit. This provides sufficent power to quickly heat the platen, maintains consistent temperature and ensures stedy power supply to the press. Failure to do so may result in longer heating times, inconsistent platen temperatue and interrupted operation because of tripped circuit breakers.

OPERATION INSTRUCTIONS
READ BEFORE USE

1. Check the voltage before using it. The correct voltage is 110.
2. Turn off the machine when not in use, and remove the power plug from socket.
3. Grasp the handle firmly when opening.
4. Keep children away from the machine.
5. Do not touch the heating platen and platen cover after pressing whilst in operation.
6. Do not attempt to press products that are not intended for normal heat transfer.
7. Do not set the temperature any higher than 480˚F as it may cause over heat and stop working.
8. The heat press carries a ground line by default, please make sure the socket gets a ground line protector.

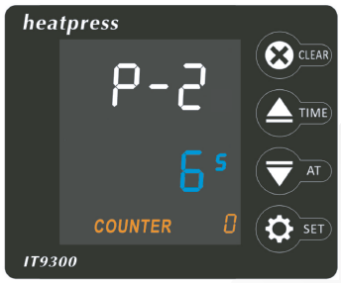
CONTROL PANEL



Control Panel Display

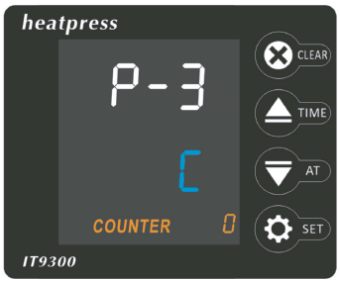
P-1: Temperature Setting Mode

Hit SET & use the up and down arrows to set temperature



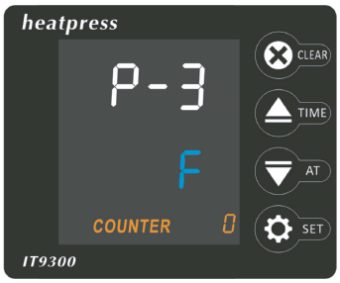
P-2: Time Setting Mode

Hit SET twice & use the up and down arrows to set amount of time for pressing



P-3: °C or °F Read Out

Hit SET three times & use the up and down arrows to select Celsius or Fahrenheit



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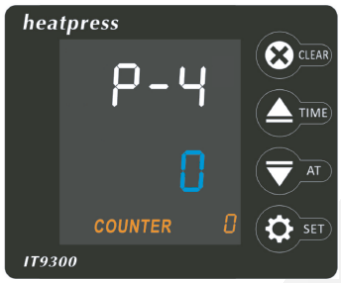
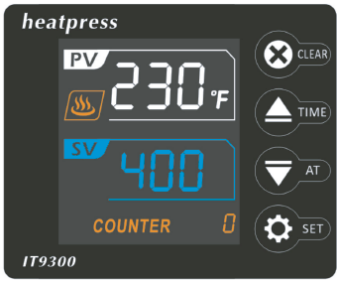


P-4: Auto Shut Off Mode

Hit SET four times & use the up and down arrows to set auto shut off when inactive 0-120 minutes range

Auto Shut Off Mode

The screen will read OFF and start to cool down if heat press is inactive, to reheat the press, hit any button



Clear Counter Number

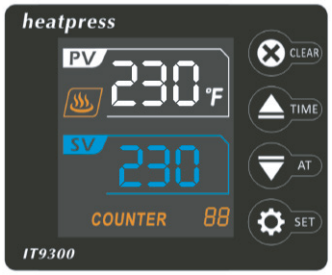
Long hold the CLEAR button to clear your counter on the panel.

Other Functions

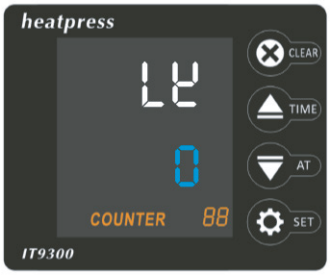
If you need to calibrate your press, hold the up and down arrow together for a few seconds.

If you need to clear your counter, hold your clear button for a few seconds.

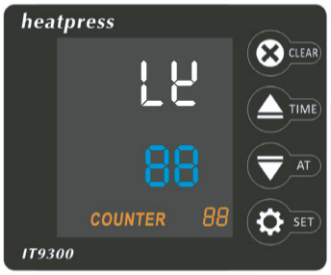
TEMPERATURE CALIBRATION



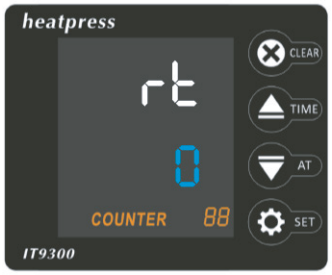
Touch the up and down arrow for a few seconds together.



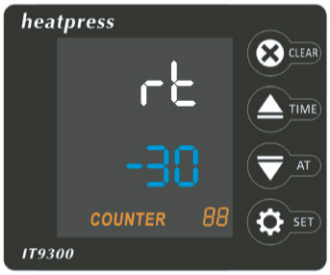
Gauge enters into a window like above picture



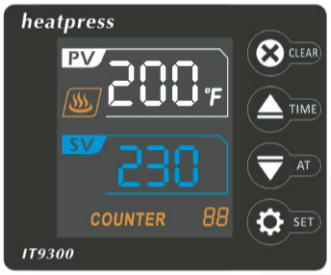
Touch the up arrow till you hit 88.



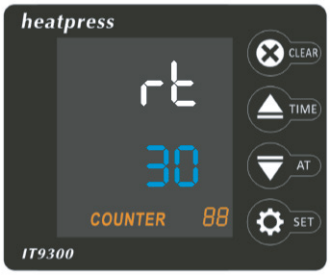
Touch the SET key till you find a window like the picture above.



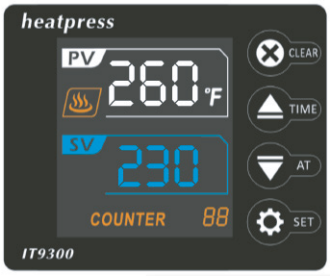
Touch the up and down arrow to determine the temperature will be modified. Say -30 (i.e. heating platen 30°F cooler than the gauge read-out)



Touch the SET key back to the temperature, and it will read out 200°F, and the press will continue to heat up to 230°F



Touch the up and down arrow to determine the temperature will be modified. Say 30 (i.e. heating platen 30°F hotter than the gauge read-out)



Touch the SET key back to the temperature, and it will read out 260°F, and the press will cool down to 230°F

CHANGING OUT THE MUG FITTINGS

The default fitting is ideal for 11 oz mugs, but we offer fittings for larger and smaller cups as well.

Caution: Because the platen is very small, the mug press heats up quickly. Make sure the press is off and at room temperature before attempting to change the fittings.

1) Turn the collar on the power cable to loosen the connection, then unplug the connector cable from the control panel housing. (Fig 1)

2) Unscrew the thumb screws that hold the fitting in the frame of the mug press. Once all the screws have been removed, pull the fitting free of the frame. (Fig 2)

3) Installing the new fitting is the reverse process: Place it in the frame, reinstall the screws to secure the sleeve, and connect the circular connector to the mug press.

FIG 1: Disconnect the power cable before removing the fitting.

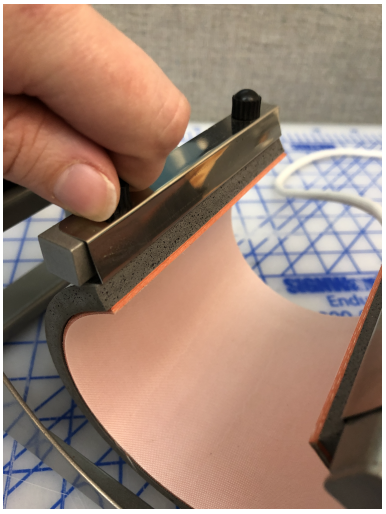


FIG 2: Remove the thumb screws securing the fitting.

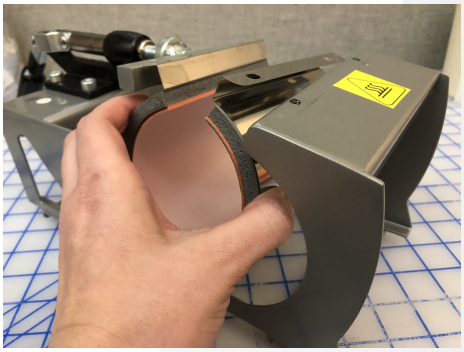
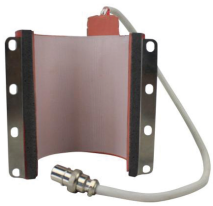


FIG 3: BE CAREFUL!
The edges of the fittings are VERY sharp, can cut you.

OPTIONAL MUG FITTINGS

This heat press mug attachment has two other mug fittings, 10oz fitting and 12oz fitting.

10oz fitting



12oz fitting

TROUBLE-SHOOTING TIPS

Q. Why isn't my heat transfer vinyl sticking to the fabric?

A. This can be caused by three things. Insufficient pressure, or temperature, or time.

Time: Some heat transfer films need a few seconds to cool before you remove the liner. Try a warm or cold peel first.

Temperature: If that doesn't work, check to make sure you are using the recommended time and temperature settings. If you are, your press may not be putting out the correct amount of heat. Use a Geo Knight IR thermometer to check the actual temperature of the platen. If it is more than 5° different from the LCD display (PV), adjust it using step four in the control panel (see page 4).

Pressure: If the temperature is correct, adjust the pressure. Some films require more pressure to bond the adhesive to the fabric. There should be some resistance when you close the press. If you have verified all of these and the film doesn't stick, contact SIGNWarehouse customer service or Technical Support for further assistance.

Q. Why does my sublimated transfer look washed out?

A. This is usually caused by insufficient temperature. Sublimation works best at or near 400°F. If your transfer is faded, check the output of the heat platen with a contact thermometer and make sure the output matches the displayed temperature. If not, adjust as directed above. Then repress at 390 - 400°F.

TROUBLE-SHOOTING TIPS: CONT'D

Q. Why are my transfers are sticking to the heating element of the upper platen?

A. If T-shirt vinyl is sticking to the heating element, you have it upside down. Remove any adhesive residue, flip it over and try again. If an inkjet or laser transfer is sticking to the heating element, it's because the heat is affecting the ink. Cover it with a Teflon sheet or sheet of silicone Kraft paper to prevent this. Using a Teflon sheet or Kraft paper is recommended for almost all heat transfer applications.

Q. Why is it so hard to peel the liner when I'm done pressing the paper?

A. A hot or warm peel film may become hard to peel if allowed to cool. Always peel the film or transfer paper in accordance with the product's recommendations.

HEAT TRANSFER APPLICATION GUIDELINES

These are general guidelines. For specific time and temperature settings for specific films and/or transfer papers, please refer to the instructions for that particular product.

TRANSFERS	Device	Fabric	TEMP.	TIME	PRESSURE
Sublimation Paper	Ricoh, Epson	Polyester	400°F	25 - 30 sec.	30Psi
Ink Tran. Paper	Inkjet Printer	Light Color	365°F	15 sec.	30Psi
		Dark Color	330°F	25 sec.	30Psi
Laser Transfer Paper**	Laser Printer	Light Color	345°F	30 sec.	30Psi
	Laser Printer	Dark Color	260 - 320°F	35 - 120 sec.	25Psi
Transfer Vinyls	Cutting Plotter	/	300 - 320°F	8 -10 sec.	30Psi
Plastisol Transfer	/	/	335°F	12 sec.	50Psi

** The SilverBolt 1620CSD and 1620-CSM are not recommended for use with two-step laser transfer papers. For these demanding applications, we recommend the SilverBolt 1620 Premium Auto or 1620A Premium.

SWITCHING THE HEATING ELEMENTS

To switch in between to the shirt and mug heating element is simple. There is a switch above the Power Switch that has three different settings. There is an image of an mug on the top, “Neutral” in the middle and an image of a shirt on the bottom.

This switch will be able to switch easily between the heating elements.

Switching to Neutral will turn off both heating elements.