

# **enduraPRESS™ CS15**

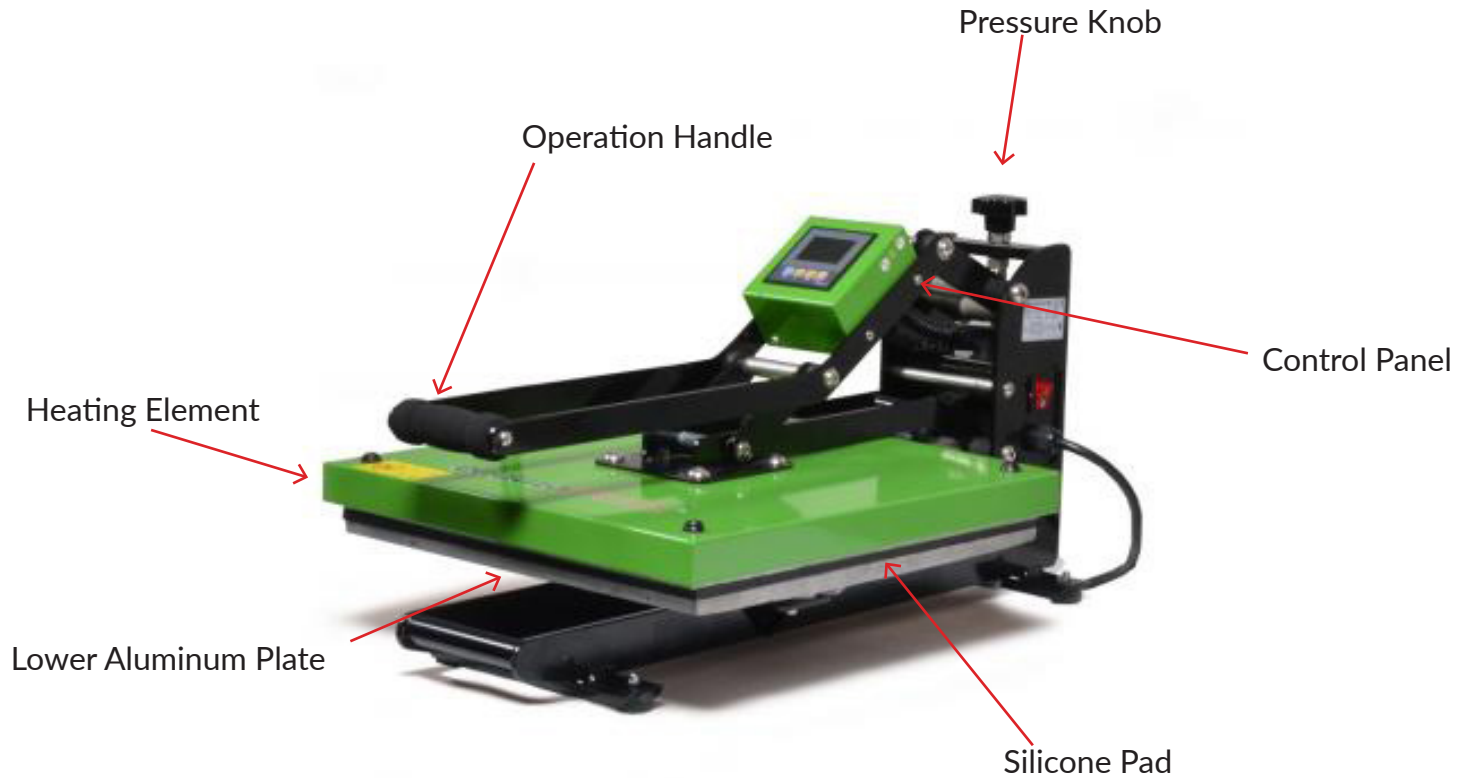
## **USER MANUAL**



## Table of Contents

**Page**

<b>1</b>	<b>Specifications</b>
<b>2</b>	<b>Operation Instructions Read Before Use</b>
<b>3</b>	<b>Control Panel Operation IT9300</b>
<b>4</b>	<b>Control Panel Operation IT9500</b>
<b>5</b>	<b>Calibrating the Temperature Display on IT9500</b>
<b>6</b>	<b>Heat Transfer Application Guidelines</b>
<b>7</b>	<b>Troubleshooting Tips</b>
<b>8</b>	<b>Wiring Schematic</b>



Power Switch

## Specifications:

Model NO: ENDURAPRESS CS15

Voltage: 110V/60Hz

Power: 11.4Kw

Control Panel: LCD Control Panel

Time Range: 0~999sec.

Temp. Range: 0~480°F

Packaging: Corrugated Paper Carton

Gross Weight: 75lbs (33kg)

## Operation Instructions Read Before Use

1. Check the voltage before using it. The correct voltage is 110-120V/60Hz.
2. For best results, run the heat press on a dedicated 20 amp circuit.
3. Turn off the machine when not in use, and remove the power plug from socket.
4. Grasp the handle firmly when opening.
5. Keep children away from the machine.
6. Do not touch the heating platen and platen cover after pressing while in operation
7. Do not attempt to press products that are not intended for normal heat transfer.
8. Do not set the temperature any higher than 480F as it may cause over heat and stop working.
9. Do not set the pressure too high. Reduce the pressure when pressing thicker items. Setting the pressure excessively high can damage the press.
10. The heat press carries a ground line by default, please make sure the socket gets a ground line protector.

## Control Panel Operation IT9300



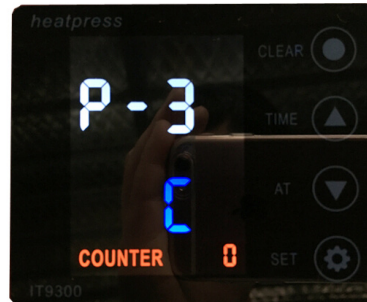
**Touch Screen Control Panel.**  
Touch "Set" to activate menu.



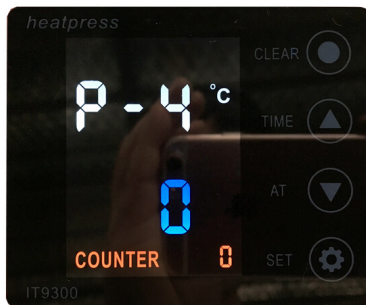
**Page 1: Temperature.**  
Touch up or down arrow to adjust temperature.



**Page 2: Time:**  
Touch up or down arrow to adjust cycle time



**Page 3: Celsius or Fahrenheit.**  
Touch up or down arrow to change temp display from Fahrenheit to Celsius.



**Page 4: Temperature Calibration.**  
Touch up or down arrow to adjust displayed temperature reading to match actual (measured) heat platen temperature. For instance, if display reads 200° and actual temperature is 210°, set +10 here using up arrow.

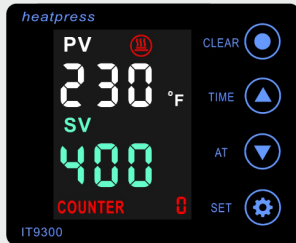


**Page 5: Pre-Alarm Setting.**  
Touch up or down arrow to set off the end-of-cycle alarm before the end of cycle. This feature is helpful for hot peel applications requiring immediate action at the end of the cycle. The pre-alarm gives you time to prepare.

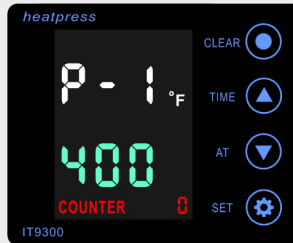
## Control Panel Operation IT9500

### V-02 CONTROLLER PROGRAM

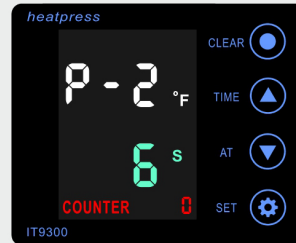
**NEW**



Control Panel Window



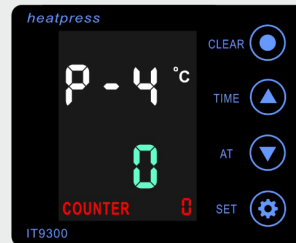
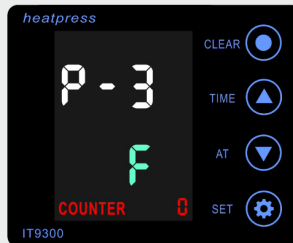
P-1: Temp. Setting Mode.  
Touch SET & ▲/▼ keys to set desired temp



P-2: Time Setting Mode.  
Touch SET & ▲/▼ keys to set desired time



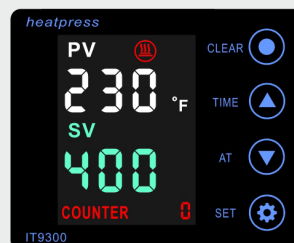
P-3: Touch SET & ▲ or ▼. Choose °C or °F.



P-4: Auto Power-off Mode  
Touch SET & ▲/▼ keys to set auto-off time with 0~120 min range



Heat press enters into power off mode if machine is kept quietly for set time and without any operation



User can wake up heat press and start heating by touching any key

### WHAT DOES AUTO POWER-OFF DO?

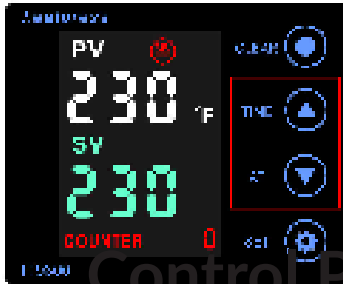


**ENERGY SAVING**



**SAFETY ASSURED**

## Calibrating the Temperature Display on IT9500



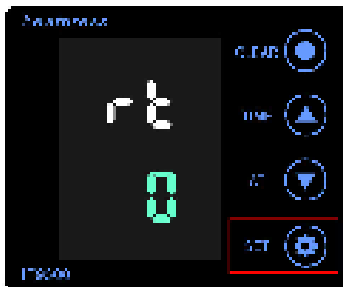
Touch both the ↑ and ↓ keys simultaneously and hold for 8 seconds.



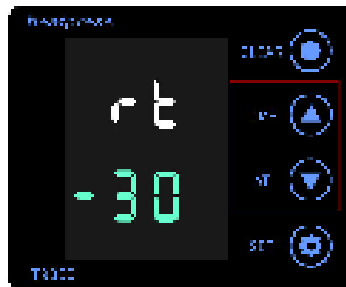
The display will change as seen above.



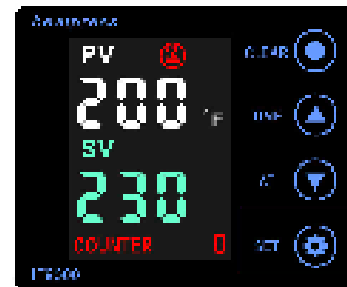
Touch ↑ and press until the AT value is 88.



Touch SET button repeatedly until the rt screen is displayed.



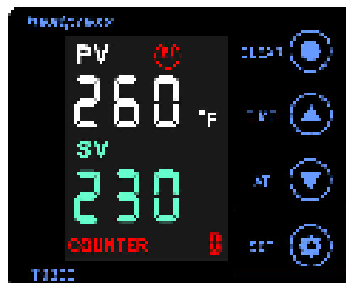
Touch ↑ or ↓ to raise or lower the set temperature. If the displayed temperature is 30 degrees too low, press to -30 to recalibrate.



Press the SET button to accept the calibration and return to the main screen. The PV will be increased by 30° to match the SV.



Touch ↑ or ↓ to raise or lower the set temperature. If the displayed temperature is 30 degrees too high, press to +30 to recalibrate.



Press the SET button to accept the calibration and return to the main screen. The PV will be decreased by 30° to match the SV.

## 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	25~30sec.	30Psi
Ink Tran. Paper	Inkjet Printer	Light Color	365°F	15sec.	30Psi
		Dark Color	330°F	25sec.	30Psi
Laser Transfer Paper**	Laser Printer	Light Color	345°F	30sec.	30Psi
	Laser Printer	Dark Color	260 - 320°F	35 - 120 sec.	25Psi
Transfer Vinyls	Cutting Plotter	/	300~320°F	8~10sec.	30Psi
Plastisol Tranfer	/	/	335°F	12sec.	50Psi

\*\* The EnduraPRESS CS15, CS15-AR, CS16, and CS16-AR are not recommended for use with self-weeding laser transfer papers. For these demanding applications, we recommend the EnduraPRESS SA12 or SD20.



## Troubleshooting 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. If your sublimation transfer has inconsistent or blotchy color, try increasing the press cycle time. Polyester apparel usually takes at least 45 seconds to sublimate fully.

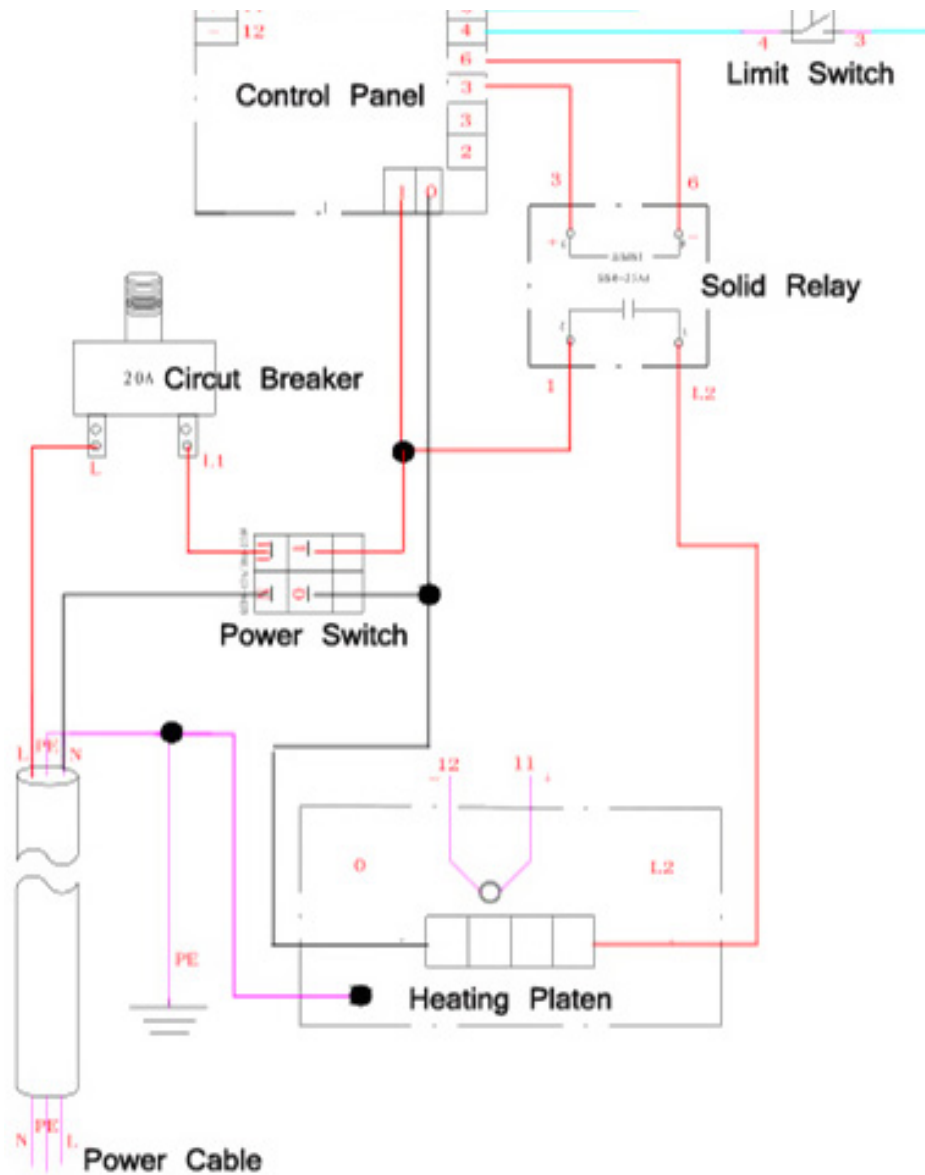
Q. Why are my transfers are sticking to the heating element of the upper platen?

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 affectign the ink. Cover it with a Teflon sheet or sheet of silicone Kraft paper to prevent this. Using a Teflon sheet or Kraft peaper 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.

## Wiring Schematic



## WARRANTY

Thank you for choosing our products, you are entitled to one year free warranty service for our products. All exceeds warranty period we will still provide technical supports and maintenance guidance.