

MUG PRESS



Operator's Manual

Heat Transfer Equipment

TABLE OF CONTENTS

IMPORTANT SAFETY INSTRUCTIONS.....3

MUG PRESS PARTS LOCATION GUIDE.....4

MUG PRESS CONTROL PANEL.....5

OPERATING INSTRUCTIONS.....6-11

MUG PRESS ELECTRICAL SCHEMATIC.....12

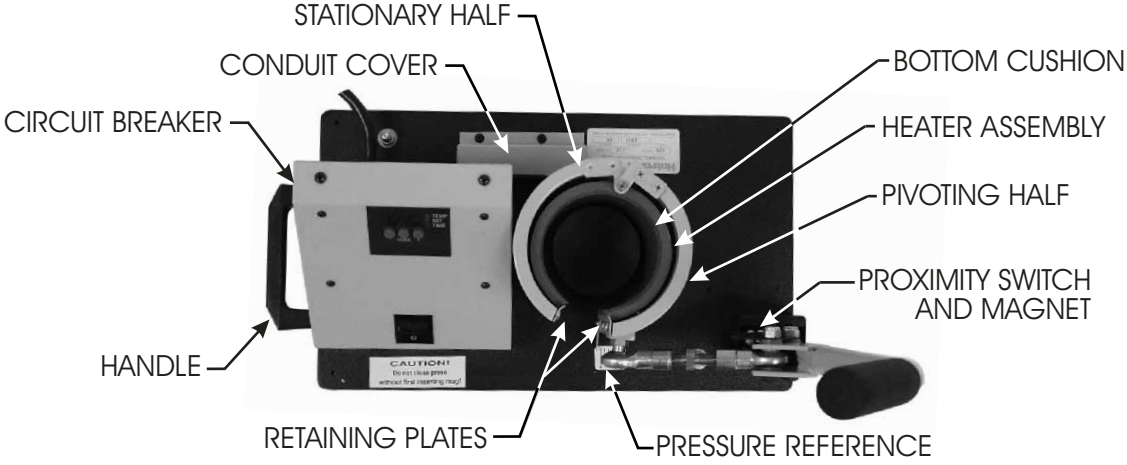
Important Safety Instructions

WHEN USING YOUR APPLIANCE, BASIC PRE-CAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

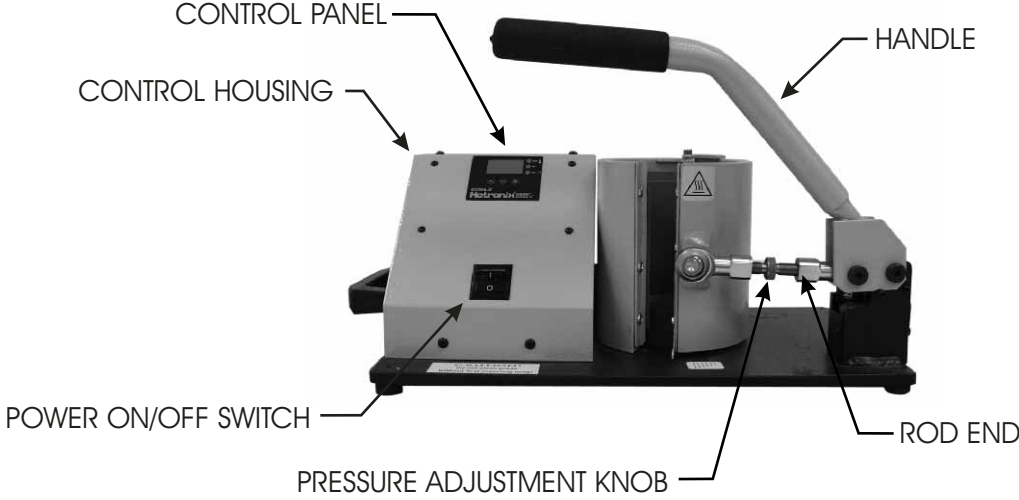
1. Read all instructions.
2. Use appliance only for its intended use.
3. To reduce the risk of electric shock, do not immerse the appliance in water or other liquids.
4. Never pull cord to disconnect from outlet, instead grasp plug and pull to disconnect.
5. Do not allow cord to touch hot surfaces, let appliance cool completely before putting away.
6. Do not operate appliance with a damaged cord, or if the appliance has been dropped or damaged. To reduce the risk of electric shock, do not disassemble or attempt to repair the appliance, take it to a qualified service person for examination and repair. Incorrect reassembly or repair could cause a risk of fire, electric shock, or injury to persons when the appliance is used.
7. Close supervision is necessary for any appliance being used by or near children. Do not leave appliance unattended while connected.
8. Burns could occur from touching hot metal parts.
9. To reduce the likelihood of circuit overload, do not operate another high voltage appliance on the same circuit.
10. If an extension cord is absolutely necessary, a 20 ampere rated cord should be used. Cords rated for less amperage may overheat, care should be taken to arrange the cord so that the cord cannot be pulled or tripped over.

SAVE THESE INSTRUCTIONS

MUG PRESS PARTS LOCATION GUIDE

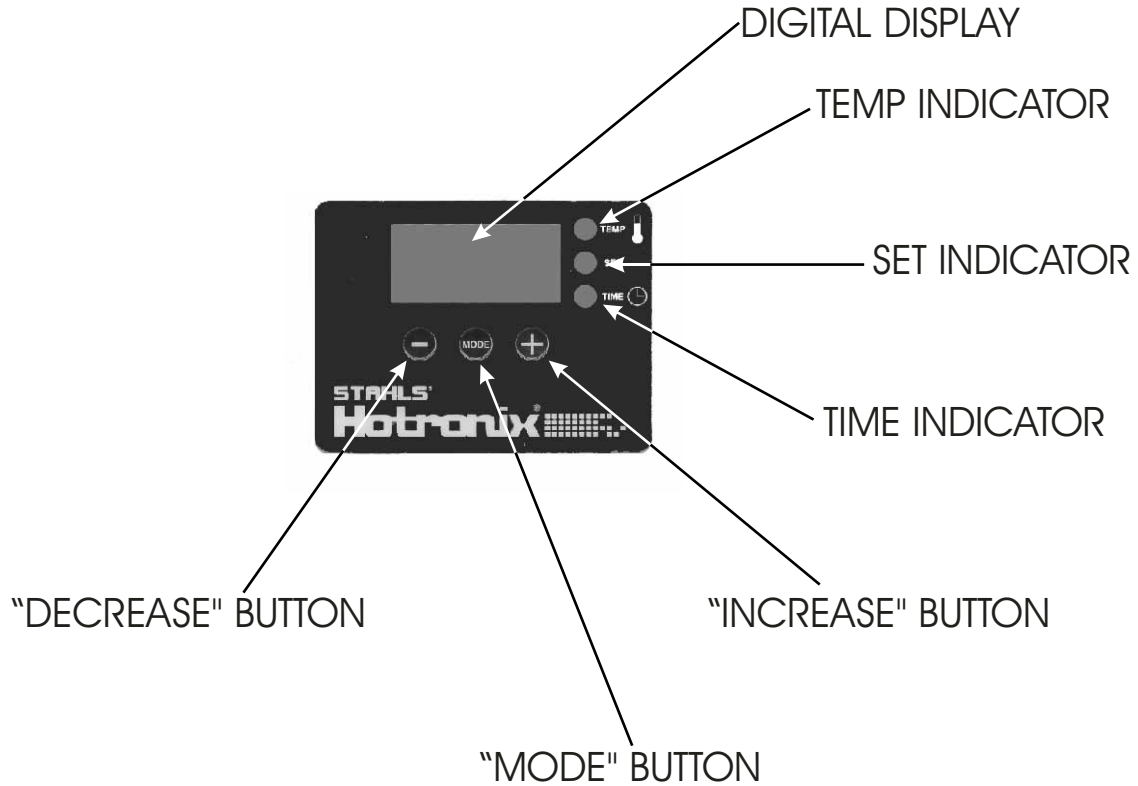


TOP VIEW



FRONT VIEW

MUG PRESS CONTROL PANEL



OPERATING INSTRUCTIONS

The Operating Instructions are designed with you in mind. Carefully read and follow the step-by-step instructions for best results. If you experience any difficulty, carefully re-read the instructions and try again.

STEP 1 ***CONNECT THE POWER CORD:***

Connect the power cord into a properly grounded electrical outlet with a sufficient amperage rating.

120 VOLT

Your MUG PRESS requires a minimum 4.0 amp grounded circuit for 120 volt operation.

240 VOLT

Your MUG PRESS requires a minimum 2.0 amp grounded circuit for 240 volt operation.

Extension Cords, if used, should be as short as possible and not less than 12 gauge. Heavy duty cords are recommended.

Circuits rated less than 15 amp or are connected to other high demand equipment or appliances (especially more than one heat seal machine) should not be used.

CAUTION:

Do not close press without first inserting mug!

NOTE:

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

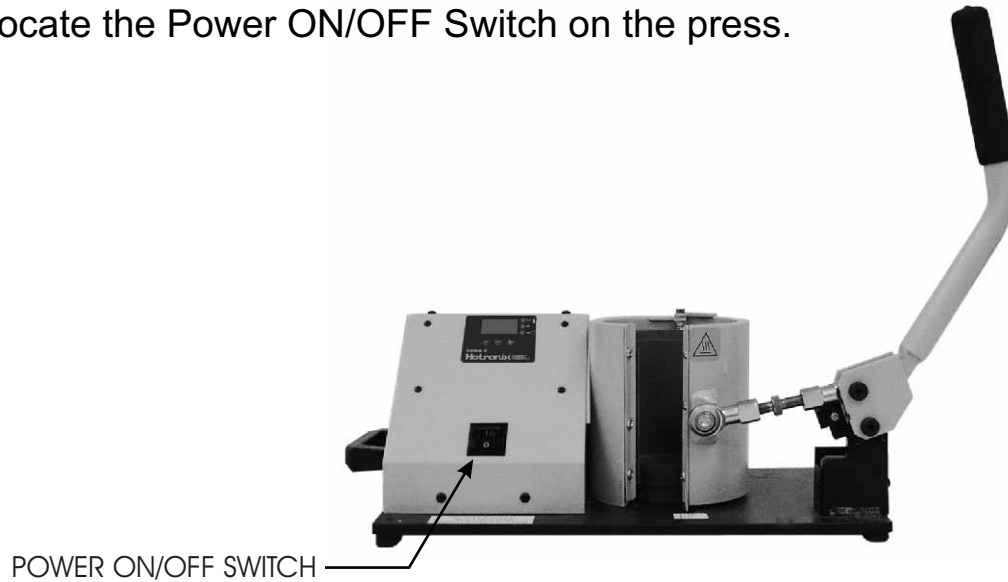
CAUTION:

FAILURE TO FOLLOW THESE INSTRUCTIONS WILL CAUSE:

1. Erratic controller functions.
2. Inaccurate displays and slow heat-up.
3. The circuit breaker to disengage.

STEP 2 *SWITCH THE SYSTEM ON*

Locate the Power ON/OFF Switch on the press.



NOTE: Make sure handle is in the open position before turning machine on, and also when making adjustments on temperature, time or pressure.

STEP 3

ADJUST THE IDLE TEMPERATURE

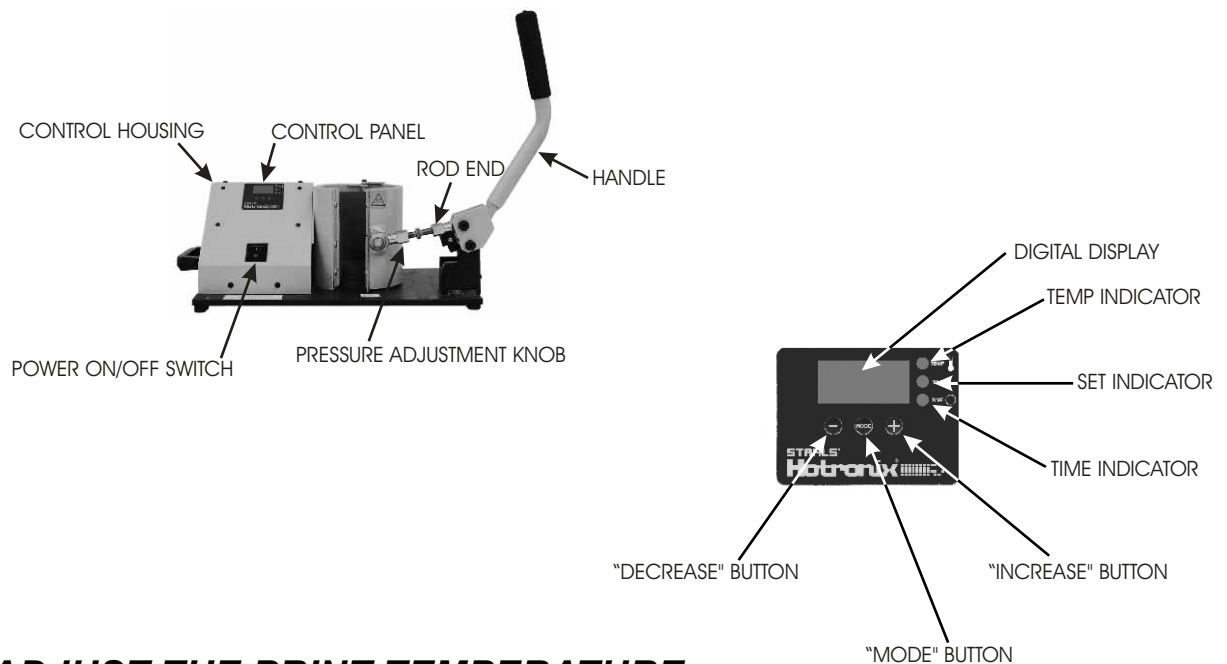
Locate the Control Panel on the Mug Press.

Press the (MODE) Select Button located in the center of the Control Panel. The (SET) Light located next to the display will illuminate indicating you are in the Adjust Idle Temperature Mode.

Adjust the temperature by pressing either the left (-) Button to decrease temperature or the right (+) Button to increase temperature. The idle temperature can be set from 205°F (95°C) to 300°F (149°C). The default is 205°F (95°C).

The display will show your changes as you make them.

NOTE: Lower the idle temperatures help extend heater life.



ADJUST THE PRINT TEMPERATURE

Press the (MODE) Select Button again. The (SET) and (TEMP) Lights located next to the display will illuminate indicating you are in the Adjust Print Temperature Mode.

Adjust the print temperature in the same manner that you adjusted the idle temperature. The print temperature can be set from 205°F (95°C) to 430°F (221°C). The default temperature is 390°F (199°C).

The display will show your changes as you make them.

STEP 4 ***ADJUST THE PRINT TIME***

Once you have completed adjusting the temperature, press the Mode Select Button again. This will advance you to the Adjust Print Time Mode. The (SET) and (TIME) Lights will illuminate indicating you are in the Adjust Time Mode. Adjust the time in the same manner that you adjusted temperature. The time can be set from 001 to 999 seconds.

NOTE:

The Print Time will begin once the mug press reaches Print Temperature.

To exit the Adjust Temperature and Time Modes press the Mode Select Button a fourth time. All lights will be off and the press will return to the Print Mode.

The temperature and time settings become the new defaults and will be remembered (even if the press is shut off) until changed again. The factory defaults can be restored, while the press is idling, by pressing and holding both of the outside buttons until all three lights begin to flash (approximately 5 seconds). The lights will flash three times indicating that the factory defaults have been restored.

IMPORTANT: The press will not function when the (SET) Light is illuminated. This light indicated that you are in the Adjustment Mode not the Print Mode.

REMEMBER:

PRESS the MODE SELECT button ONCE to ENTER the ADJUST IDLE TEMPERATURE MODE.

PRESS the MODE SELECT button AGAIN (Second Time) to ADVANCE to the ADJUST PRINT TEMPERATURE MODE.

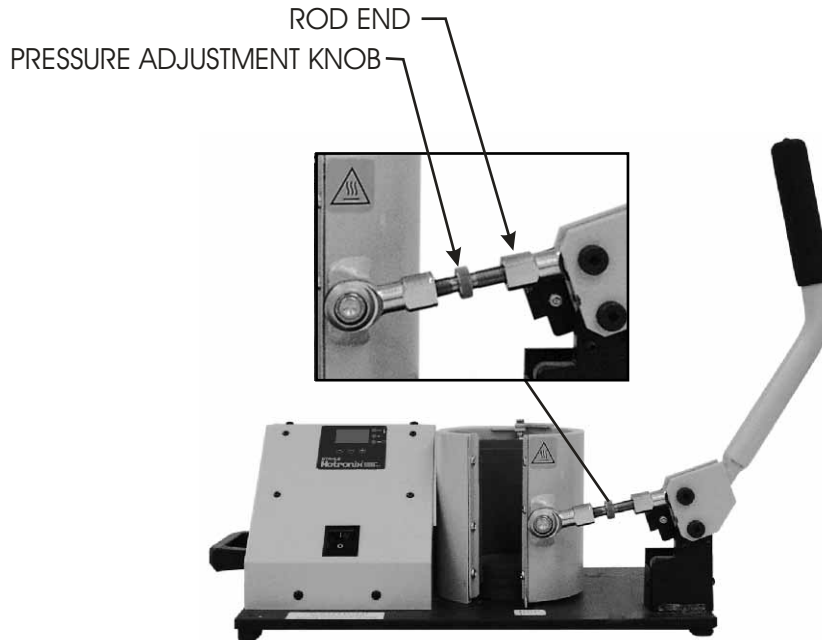
PRESS the MODE SELECT button AGAIN (Third Time) to ADVANCE to the ADJUSTMENT TIME MODE.

PRESS the MODE SELECT button AGAIN (Fourth Time) to EXIT the ADJUSTMENT MODES. (No lights will be illuminated)

PRESS the DECREASE and INCREASE buttons to make the changes desired.

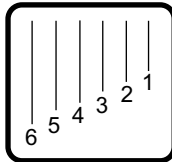
STEP 5 **PRESSURE ADJUSTMENT**

Locate the Pressure Adjustment Knob.



Adjust the pressure by turning the knob clockwise to increase pressure and counter clockwise to decrease the pressure.

Refer to the Pressure Reference on the base of the press.



11oz. Mug	15oz. Mug	Pressures
3 - 4	0	Light Pressure
4 - 5	0	Medium Pressure
5 - 6	1 - 2	Heavy Pressure

WARNING: MUGS MAY VARY IN SIZE, ADJUST PRESSURE ACCORDINGLY.

FAILURE TO FOLLOW MUG PRESSURE SETTING DIRECTIONS COULD RESULT IN INJURY DUE TO MUG SHATTERING OR EXCESSIVE HEAT FROM THE HEATING ELEMENT.

STEP 6 ***PRINT***

Once the time, temperature and pressure are set, you are ready to begin printing.

Fasten transfer to mug making sure it is straight and completely contacts the surface of the mug.

NOTE: COVER SHEET MAY BE REQUIRED FOR SOME APPLICATIONS.

Lower the mug into the press with the mug handle positioned so it is centered between the press halves. While closing the press apply a light rearward pressure against the mug handle. This allows the heater assembly to wrap evenly around the mug thereby improving print quality. Use caution so as not to pinch fingers between the mug handle and press halves as they close.

Once the press handle is locked into the closed position the press will heat up to the print temperature. When the print temperature is reached, the timer will automatically count down and audibly signal you to open the press. Opening the press will automatically re-set the timer for the next print cycle.

CAUTION: MUG AND MUG HEATER SHROUD WILL BE VERY HOT.

Lift mug out of press grasping it by its handle only. Proceed accordingly to the application instructions.

MUG PRESS SETTINGS

The machine when first turned on will be set at least pressure with the controller pre-programmed for:

Idle Temperature = 205⁰F (95⁰C)
Print Temperature = 390⁰F (199⁰C)
Print Time = 2 Seconds

200⁰F (93⁰C) = The lowest temperature the unit will display
205⁰F (95⁰C) = The lowest idle and print temperature possible
300⁰F (149⁰C) = The highest idle temperature possible
430⁰F (221⁰C) = The highest print temperature possible

Light pressure is best for the true-sublimation transfers. Medium to high pressure is best for dye-sublimation transfers.

The average Print Temperature for printing a mug is 390⁰F (199⁰C)
The average Print Time for printing a mug is 2 seconds. (Total print time is approximately 2 minutes.

MUG PRESS CONTROL PANEL

