

ProPress SP Furnace Quick Start Guide



Please see the included disk for the ProPress SP Furnace Operator's Manual, Master Suite software, Quick Start Guide and furnace tips. These are also available at www.whipmix.com.

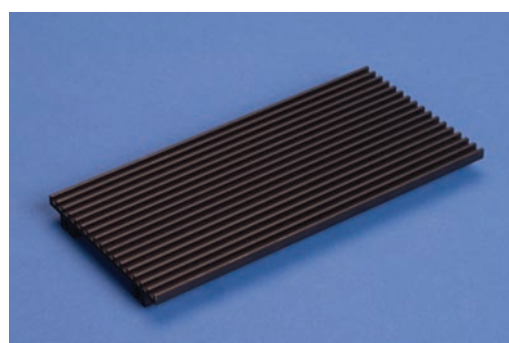
A. Accessories



Tray for pressing rings



Firing Tray



Cooling Tray



Power Cord



Whip Mix vacuum pump

B. Quick Set Up



See page 5 of User Manual



1. Remove the furnace from the packing material and place it on a flat surface.



2. Remove the shipping hardware.



3. Install the power cord and plug into a dedicated grounded outlet.



4. If you have a Whip Mix pump, plug it directly into the furnace outlet.



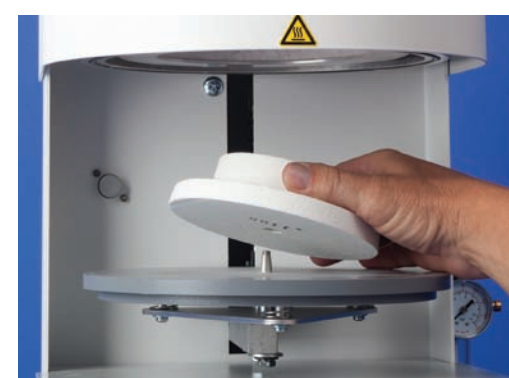
5. Remove black cap using needle nose pliers and attach the 1/4" pink vacuum hose from the pump.



6. If Quick Cool connection is desired,
 1. Remove the brass hose barb from the furnace accessory box.
 2. Remove the muffler from the output end of the vacuum pump. (The input and output valves are identified by arrow indicators on the vacuum pump near the inlet or outlet.)
 3. Install the brass barb to output end of the vacuum pump (where the muffler used to be).
 4. There should be two hoses included; one in the accessory box, the other inside the vacuum pump box. Use the clear hose included in the accessory box for the Quick Cool Air Jet.



7. Turn on the furnace, wait for table to come down, then remove green paper.



8. Insert firing tray.



9. **IMPORTANT:** Set the regulator pressure to 70psi/4.85 bars or performance may be degraded.

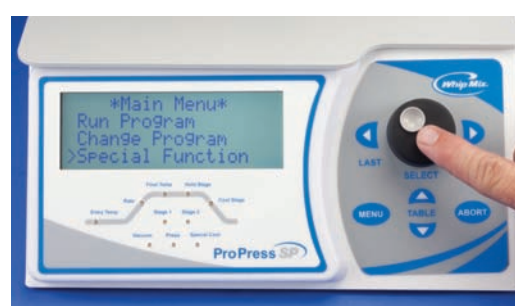
C. To Set/Change Idle Temperature



See page 10 of User Manual

The factory setting is at 0°C. **YOU MUST ADJUST THIS FEATURE** to suit your needs. The idle temperature is the temperature at which the furnace will remain between programs.

IN MOST CASES, values can be selected by pressing the **Select Knob** or the **Next** button



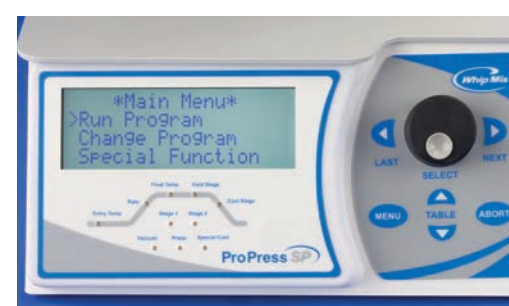
1. Press **Menu** button, choose Special Functions. Select.



2. Turn the **Select** knob to Change Idle Temp. Select.



3. Turn the **Select** knob to change the temperature to 651°C. Select.



4. Leave the table down one hour for moisture removal before proceeding.

Quick Tips

Leave the furnace on every night to stay heat soaked for best firing consistency. After moisture removal you may want to reset the Idle Temp to just below your lowest Entry Temp.

D. To Set a SP Press Program



1. Press the **Menu** button, select **Change Program**.



2. Turn the **Select** knob to **Add/Edit Program**. Select.



3. Locate an empty program slot to store the program by turning the **Select** knob. Select.



4. Turn **Select** knob to SP Press. Select. (A % sign will automatically appear at the beginning of the program name. This tells the program that it is a sense press program.)



5. Turn the **Select** knob to input a character for your program name. Pressing the **Next** button will move the cursor to the next character.



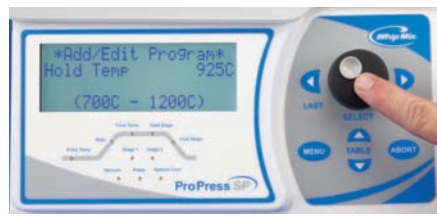
6. Continuously turn the **Select** knob and press the **Next** button to enter your program name. There is a 14 character limit for a program name. Press the **Select** knob when complete.



7. Turn the **Select** knob to the required entry temperature. Select.



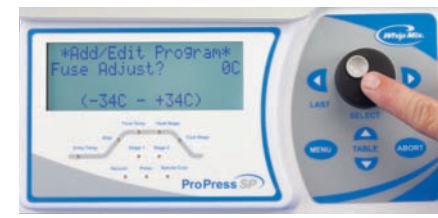
8. Turn the **Select** knob to the required rate rise (centigrade per minute). Select.



9. Turn the **Select** knob to the required Hold Temperature. Select.



10. Turn the **Select** knob to the required Hold Time. Select.



11. For initial setup, press **Select** knob to leave Fusing Adjust at 0°C. For further information, refer to Fusing Adjust section of Operator's Manual.



12. SP Pressing will automatically determine an ideal amount of time to press the ceramic. Maximum press time is a default value for pressing with the SP Program.

E. Add a Program



1. Press **Menu** button. Select **Change Program**.



2. Turn the **Select** knob to Add/Edit program. Press **Select** knob.



3. Locate an empty program slot to store the program by turning the **Select** knob. Press **Select** knob.



4. Turn the **Select** knob to the desired program type then press the **Select** knob.



5. Turn the **Select** knob to input a character for your program name. Pressing the **Next** button will move the cursor to the next character.



6. Continuously turn the **Select** knob and press the **Next** button to enter your program name. There is a 14 character limit for a program name. Press the **Select** knob when complete.



7. Entry time is displayed, turn the **Select** knob to the required Dry Time (hours, minutes and seconds) and press the **Next** button.



8. Turn the **Select** knob to the required Entry Temperature. Select.



9. Turn the **Select** knob to the required Rate Rise (Centigrade per Minute). Select.



10. Turn **Select** knob to the required Hold Temperature. Select.



11. Turn the **Select** knob to the desired amount of Hold Time. Select.



12. For initial setup, press **Select** knob to leave Fusing Adjust at 0C. For further information, refer to Fusing Adjust Section of Operator's Manual.



13. To adjust the temperature at which the table starts its descent, use the **Select** knob to display temperature. Select.



14. Turn the **Select** knob to the desired amount of Cool Time. Select.



15. Turn the **Select** knob to Yes or No for Use Vacuum, then press the **Next** button. If you select "NO," you have finished entering your program. If you select "YES," continue to the next steps.



16. Turn the **Select** knob to desired Vacuum Level. Select.



17. Turn the **Select** knob to the stage where the vacuum is to start. Select.



18. Turn the **Select** knob to select the temperature or the time to start the vacuum. Select.



19. Turn the **Select** knob to the desired stage to release the vacuum. Select, then turn the **Select** knob to choose the temperature or time to release vacuum. Select.

You have just entered a typical program for normal porcelain. Now enter programs for the porcelains you use. For special types of porcelain, see the Operator's Manual.

F. Running any Program



1. On menu screen, select **Run Program**.



2. Turn **Select** knob until the desired program is displayed.



3. Press the **Select** knob to Start Program.

Quick Tips

If a program needs to be repeated, simply press the Start Program button to repeat the last run program. Select Change Program or Special Function at any time while a program is running in order to change without interrupting the running program.



more reasons. one source