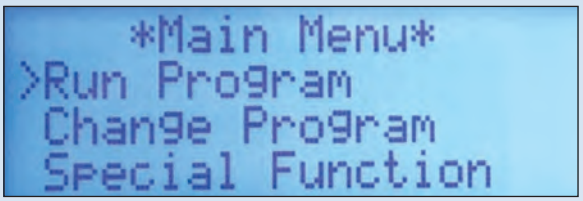
Setting Up Your Whip Mix® Pro 200 for Obsidian® Lithium Silicate Ceramic

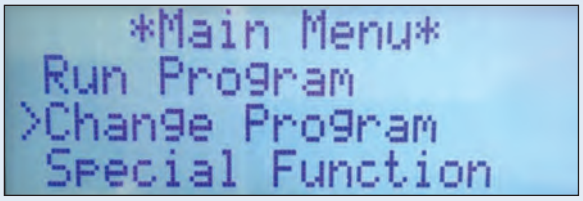
STEP 1

- Power on unit using switch on rear. After the Whip Mix oven warms up, the Main Menu will appear.



STEP 2

- Select “Change Program” using the dial interface to scroll. Once the selection caret indicates “Change Program,” press NEXT.

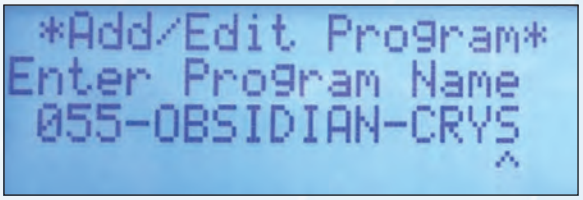


STEP 3

- Select “Add/Edit Program” and press NEXT.

STEP 4

- Select a program number and create name (optional).

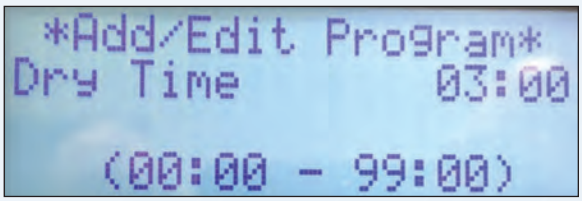


STEP 5

- Select “2-stage” and press NEXT.

STEP 6

- Using the dial, modify value for “Dry Time” to 03:00 and press NEXT.

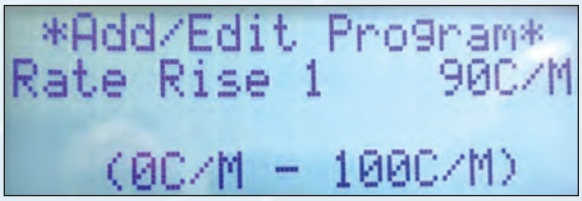


STEP 7

- Using the dial, modify value for “Entry Temp” to 400C and press NEXT.

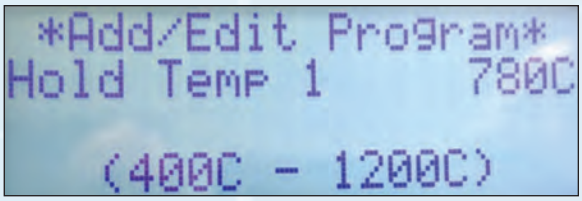
STEP 8

- Using the dial, modify value for “Rate Rise 1” to 90C/M and press NEXT.



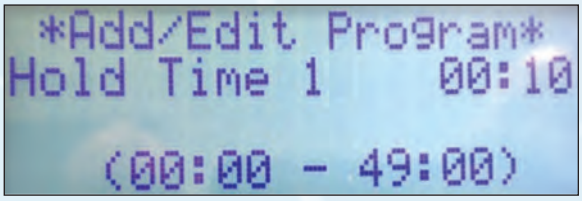
STEP 9

- Using the dial, modify value for “Hold Temp 1” to 780C and press NEXT.



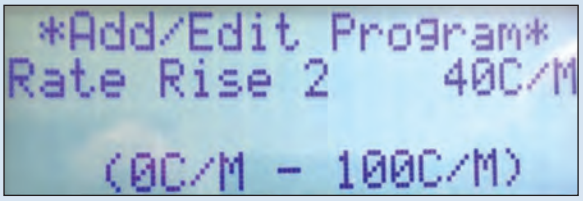
STEP 10

- Using the dial, modify value for “Hold Time 1” to 00:10 and press NEXT.



STEP 11

- Using the dial, modify value for “Rate Rise 2” to 40C/M and press NEXT.

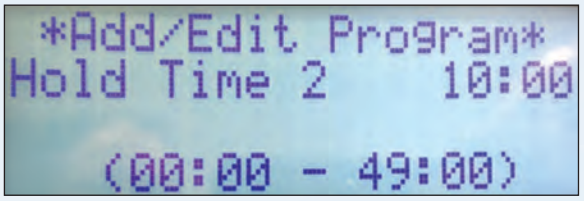


STEP 12

- Using the dial, modify value for “Hold Temp 2” to 820C and press NEXT. If the crown appears "over-glazed" or "too glossy," see note at the bottom of page 6.

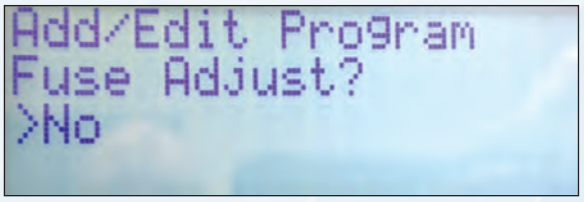
STEP 13

- Using the dial, modify value for “Hold Time 2” to 10:00 and press NEXT.



STEP 14

- Using the dial, modify value for “Fuse Adjust” to No and press NEXT.

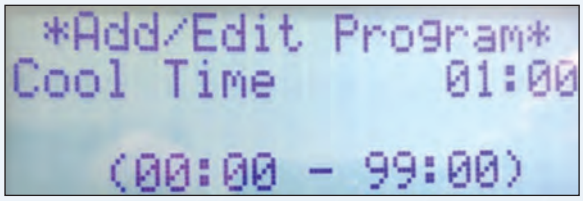


STEP 15

- Using the dial, modify value for “Table Down” to 680C and press NEXT.

STEP 16

- Using the dial, modify value for “Cool Time” to 01:00 and press NEXT.



STEP 17

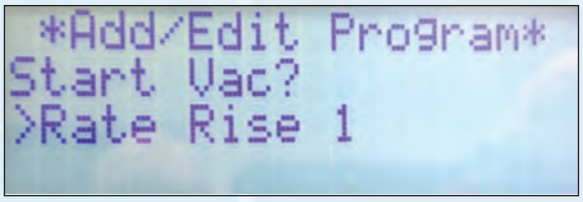
- Using the dial, modify value for “Use Vacuum” to Yes and press NEXT.

STEP 18

- Using the dial, modify value for “Vacuum Level” to 72cm and press NEXT.

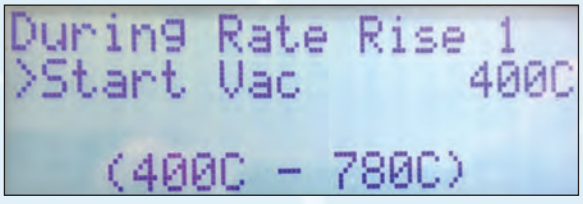
STEP 19

- Using the dial, modify value for “Start Vac” to Rate Rise 1 and press NEXT.



STEP 20

- Using the dial, modify value for “Start Vac” to 400C and press NEXT.

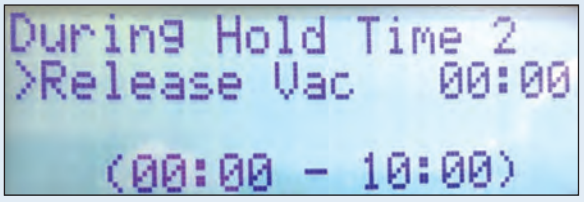


STEP 21

- Using the dial, modify value for “Release Vac” to Hold time 2 and press NEXT.

STEP 22

- Using the dial, modify value for “Hold Time 2 Release Vac” to 00:00 and press NEXT.
- The LCD screen will read “Updated” and your Whip Mix Pro 200 is now ready for use with Obsidian® Lithium Silicate Ceramic.



Note about the Pro 200: The preceding furnace parameters are to be used for crystallizing milled Obsidian restorations. If the Obsidian crown appears “over-glazed” or “too glossy,” please recalibrate your Pro 200 furnace. If the problem continues, please lower the final hold temperature (Hold Temp 2 in Step 12) by 5 °C increments as recommended in the Obsidian Milling Blocks User Manual, which can be found at www.obsidianceramic.com/resources. Because each user’s Pro 200 furnace performance is unique, the user might find their final hold temperature range to be slightly lower than the recommended 820 °C (i.e., between 810–820 °C).

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