



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.

```
*Main Menu*
>Run Program
Change Program
Special Function
```

STEP 2

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



```
*Main Menu*
Run Program
>Change Program
Special Function
```

STEP 3

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

```
Select Item:
Look at Program
>Add/Edit Program
Copy/Change Prog
```

STEP 4

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

```
*Add/Edit Program*
Enter Program Name
055-OBSIDIAN-CRYS
^
```

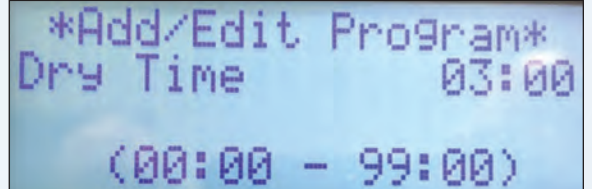
STEP 5

- Select “2-stage” and press NEXT.

```
Select Type
1-stage
>2-stage
```

STEP 6

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



Add/Edit Program
Dry Time 03:00
(00:00 - 99:00)

STEP 7

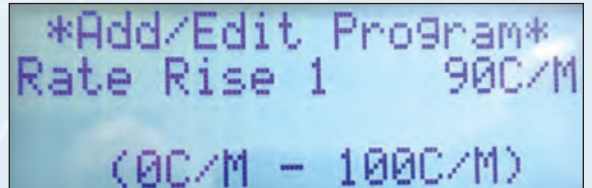
- Using the dial, modify value for “Entry Temp” to 400C and press NEXT.



Add/Edit Program
Entry Temp 400C
(25C - 980C)

STEP 8

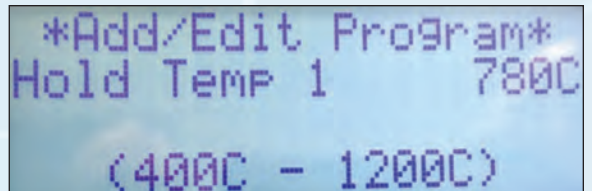
- Using the dial, modify value for “Rate Rise 1” to 90C/M and press NEXT.



Add/Edit Program
Rate Rise 1 90C/M
(0C/M - 100C/M)

STEP 9

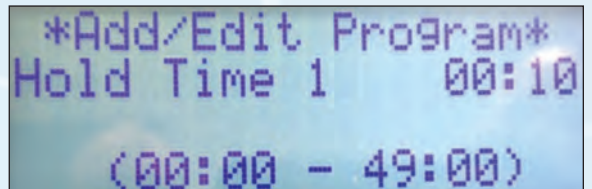
- Using the dial, modify value for “Hold Temp 1” to 780C and press NEXT.



Add/Edit Program
Hold Temp 1 780C
(400C - 1200C)

STEP 10

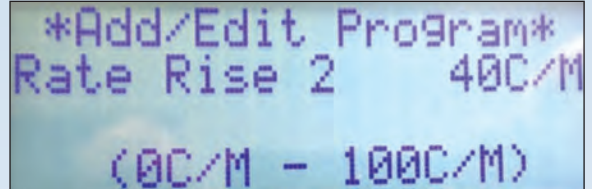
- Using the dial, modify value for “Hold Time 1” to 00:10 and press NEXT.



Add/Edit Program
Hold Time 1 00:10
(00:00 - 49:00)

STEP 11

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

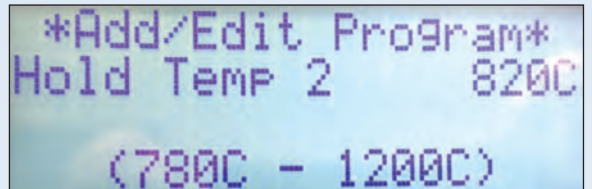


Add/Edit Program
Rate Rise 2 40C/M

(0C/M - 100C/M)

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.

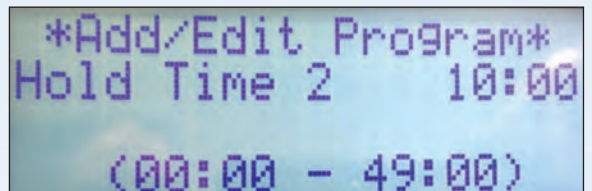


Add/Edit Program
Hold Temp 2 820C

(780C - 1200C)

STEP 13

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

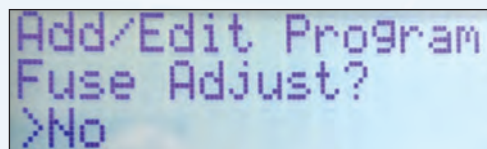


Add/Edit Program
Hold Time 2 10:00

(00:00 - 49:00)

STEP 14

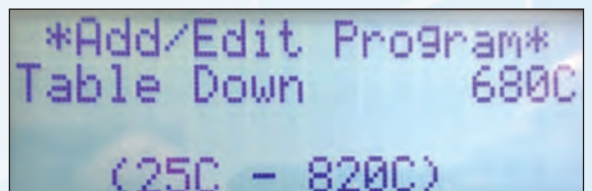
- Using the dial, modify value for "Fuse Adjust" to No and press NEXT.



Add/Edit Program
Fuse Adjust?
>No

STEP 15

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



Add/Edit Program
Table Down 680C

(25C - 820C)

STEP 16

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

```
*Add/Edit Program*  
Cool Time      01:00  
  
(00:00 - 99:00)
```

STEP 17

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

```
Add/Edit Program  
Use Vacuum  
>Yes
```

STEP 18

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

```
*Add/Edit Program*  
Vacuum Level   72cm  
  
(28cm - 75cm)
```

STEP 19

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

```
*Add/Edit Program*  
Start Vac?  
>Rate Rise 1
```

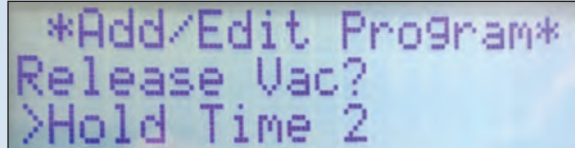
STEP 20

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

```
During Rate Rise 1  
>Start Vac     400C  
  
(400C - 780C)
```

STEP 21

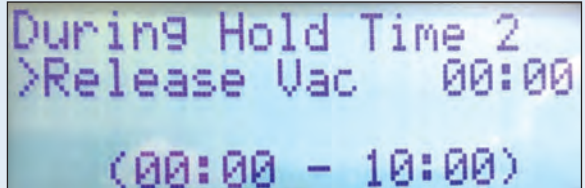
- Using the dial, modify value for “Release Vac” to Hold time 2 and press NEXT.



```
*Add/Edit Program*
Release Vac?
>Hold Time 2
```

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.



```
During Hold Time 2
>Release Vac 00:00
(00:00 - 10:00)
```

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.obsidiansceramic.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).

