


Setting Up Your Ivoclar Programat® CS2 for Obsidian® Lithium Silicate Ceramic

STEP 1 Calibrate Your Oven

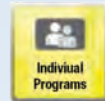
- Calibrate your oven per manufacturer's instructions

STEP 2


- Press the "home button"  in the top left corner of the furnace control panel

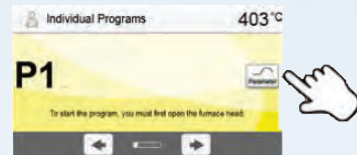
STEP 3

- On the screen, press the yellow box labeled "Individual Programs"



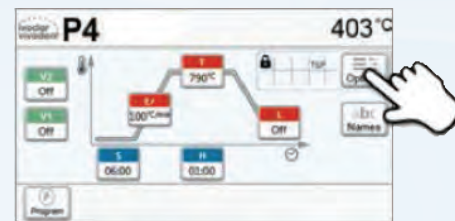
STEP 4

- If necessary, press the right arrow key  on the screen to find the first empty program. You'll know it's empty because the program number will be followed by an ellipsis "..." (see below)
- Press the "Parameter" button on the screen







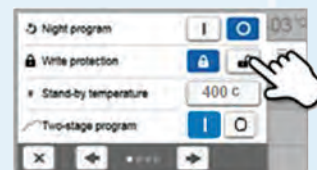
STEP 5

- A generic "firing curve" screen will appear
- Press the "Options" button on the screen



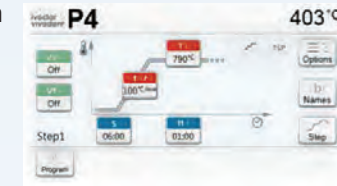
STEP 6









- On the screen that appears, make sure the "Write protection" padlock is unlocked; the open padlock should be a blue color 
- Click the box with the "Stand-by Temperature"
 - In the number pad that appears, type "400" and hit the green check mark 
- Finally, make sure the "Two-stage program" is set to  (meaning "on")
- Close the options window by hitting the "x" button  in the bottom left corner

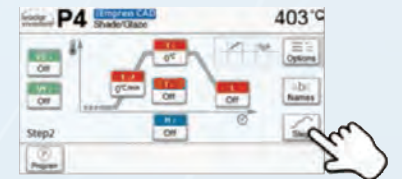









STEP 7

- You are now back at the "firing curve" screen (similar to the one shown here)



- Press  , a pad will appear → type "400" and then press the green check mark 
- Press  , a pad will appear → type "780" and then press the green check mark
- Press  , a pad will appear → type "300" (3 minutes) and then press the green check mark
- Press  , a pad will appear → type "10" (10 seconds) and then press the green check mark
- Press  , a pad will appear → type "90" and then press the green check mark
- Press  , a pad will appear → type "780" and then press the green check mark
- Press the "Step" button  in the bottom right corner of the screen. This will change the firing curve to look like the following picture

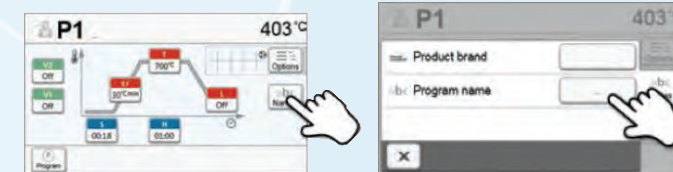



- Press  , a pad will appear → type "780" and then press the green check mark
- Press  , a pad will appear → type "819" and then press the green check mark
- Press  , a pad will appear → type "1000" (10 minutes) and then press the green check mark
- Press  , a pad will appear → type "40" and then press the green check mark
- Press  , a pad will appear → type "820" and then press the green check mark
- Press  , a pad will appear → type "680" and then press the green check mark
 - When the window closes, a new button will appear in the middle of the screen
- Press the new  button, a pad will appear → type "50" and then press the green check mark

Note: The preceding furnace parameters are to be used for crystallizing the milled Obsidian restorations. If the Obsidian crown appears "over-glazed" or "too glossy," please recalibrate your oven. If the problem continues, please lower the final hold/firing temperature by 5°C increments as recommended in the Obsidian User Manual, which can be found at www.obsidiansceramic.com/resources/index.aspx. Since each user's furnace performance may be unique, the user may find their final hold/firing temperature range will be slightly lower than the recommended 820°C (i.e. between 810-820°C).




STEP 8

- Press the "Names" button, then the button next to "Program name"



- Use the keyboard that appears to type a name. Hit the green check mark when done 

STEP 9

- You're done! Press the "home button"  to go back to the beginning
- Hit the yellow "Individual Programs" button  , and press the arrow keys  to use your new program