

TMB Baking Deck Ovens Control Panel Operating Manual

September 9, 2014

To turn on oven, push the green push button on the control panel



Screen will display TMB Baking Logo when ready

OPENING SCREEN

Touch the TMB Baking Logo

Main Screen will appear



MAIN SCREEN

- Recipe
- Alarm
- Maintenance
- Burner Delay
- Lights
- Fan
- Edit Recipe

Press "Recipe"



RECIPE SCREEN

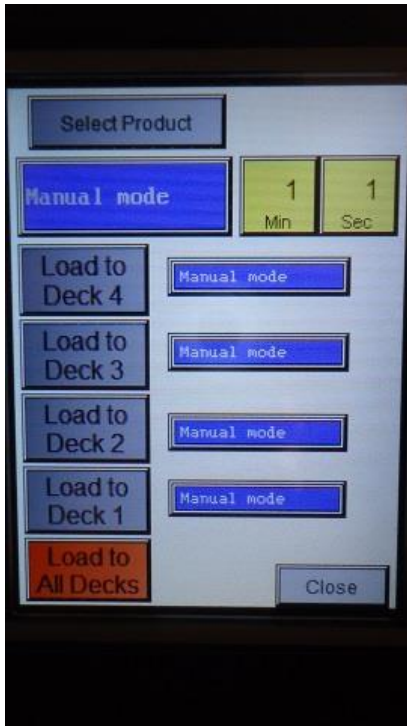
Establish Set Point for Baking Temperature

Press Set Point



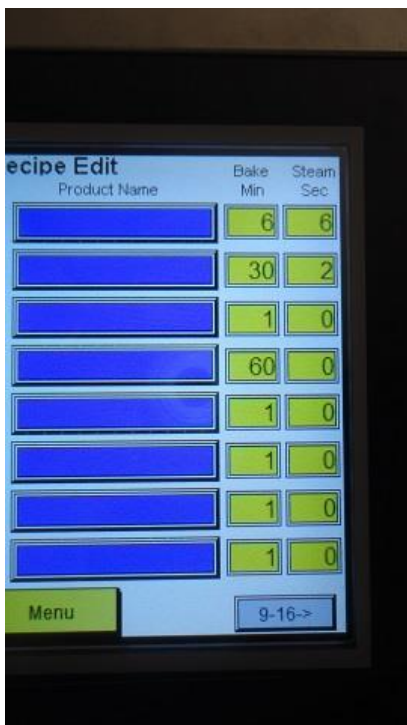
Enter operating oven temperature (Example 450)

Press Enter (ENT)



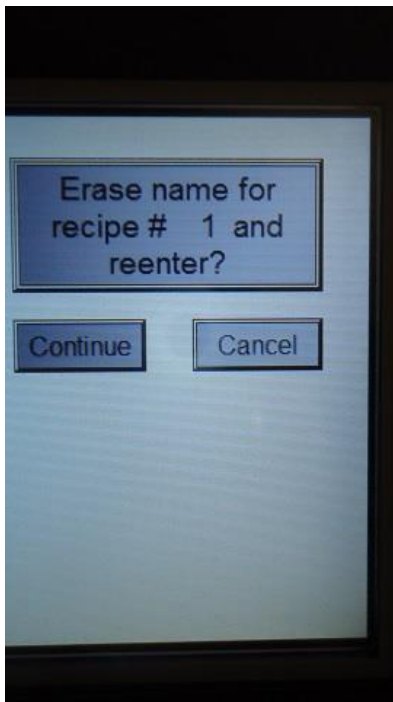
EDIT RECIPE

Select Product



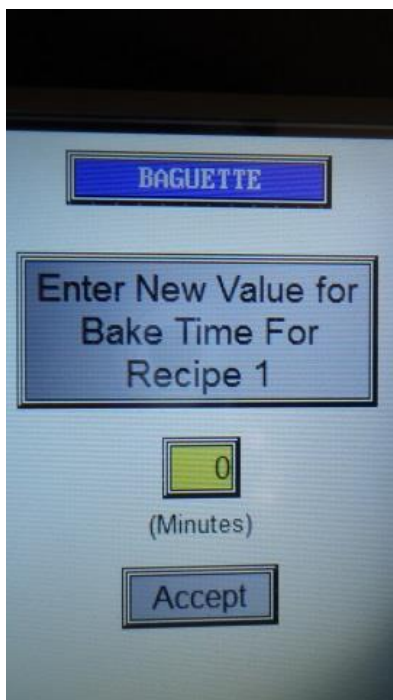
Press rectangle under "Product Name"

Press Continue



With keyboard, enter recipe name (EG. BAGUETTE)

Select Bake Min., enter minutes for bake (EG 20)





Select Steam Seconds (Sec), enter steam in minutes (EG 2)

Enter next recipe (up to 15) or press MENU to return to MAIN MENU



RECIPE

Press Recipe

Select Product (Prod Select)

Select Product (To go to library)

Press to highlight (will change color from light to dark blue)

Press Load

If you wish to bake the same recipe for all 4 decks, select “Load to All Decks”, otherwise choose which decks to load recipe.



MANUAL RECIPE MODE

If the baker does not wish to use a program recipe, they may select Recipe #16, Manual Mode” in the “Recipe Select” Screen

Press Load

Select “Load to All Decks” or the deck you wish to bake in Manual Mode

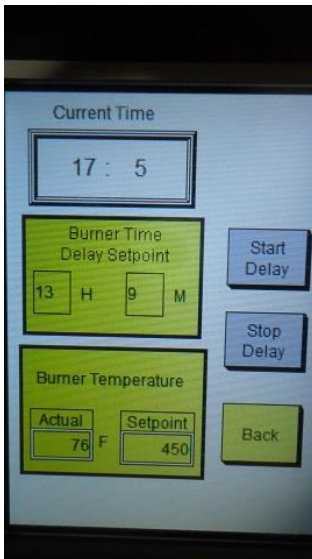


Default for each deck is 1 minute bake and 1 second steam
Change Bake Time and Steam Time for each deck

READY TO BAKE

- Load the deck you wish to bake
- Press “Start” Oven will start the bake and generate steam for deck, if in recipe program
- Timer will start counting down in minutes
- Load additional decks and repeat
- If you wish to stop the timer during the bake, Press “Stop” once
- To resume the timer, press “Start” again
- When time is elapsed, alarm will sound. Press “Stop” twice in order to turn off alarm

Return to MAIN MENU



BURNER DELAY

When the oven is first being brought up to baking temperature from a cold state, the burner delay mode may be employed

Press “Burner Delay”

Set oven temperature “Setpoint” to desired baking temperature

Set time you wish the burner to start from the current time, which is shown in military time (Burner Time Display Setpoint”

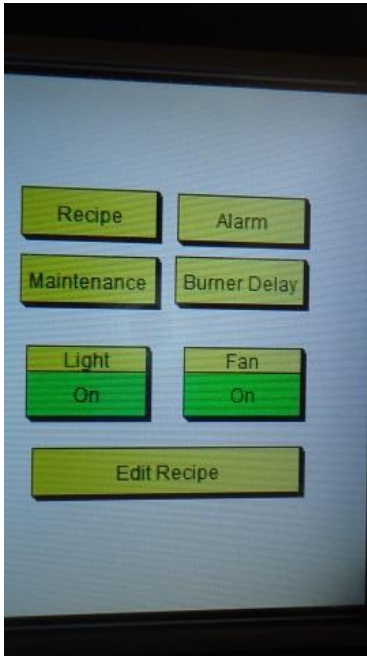
Time set is hours and minutes forward from the Current Time



Press “Start Delay” and screen will turn to green. As long as oven in burner delay mode, screen will remain green and message on top of screen will display “Burner Delay is On”

If for any reason the baker wishes to stop burner delay, Press “Stop Delay”

Press “Back” to return to RECIPE SCREEN to initiate Baking

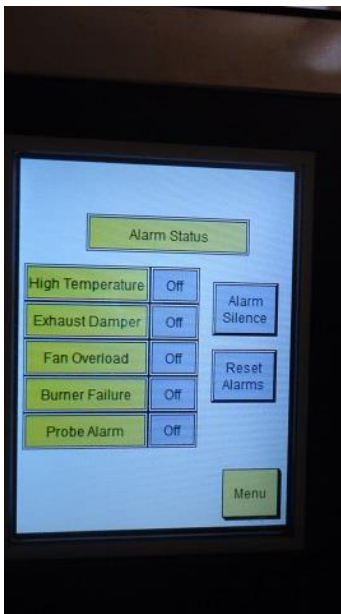


LIGHTS & FAN

From the Main Menu, the baker may turn on or off the Lights to the Oven or the Fan which evacuates the steam from above the hood of the oven or above the roof (if fan connected to control)

Press "Off" to turn the fan or Light on. Or Press "On" to turn the fan or light off.

Background behind "ON" will turn from grey to green when "On"



ALARM

The "Alarm" feature allows the baker or technician/technical support person to troubleshoot or diagnose a problem with the oven operation quickly.

If an alarm goes off that is not associated with the baking timer, Press "Alarm" to take the operator to the "Alarm Status" screen

ALARM

Screen will be solid red and the alarm associated with one of the following functions will change from “Off” to “On”

HIGH TEMPERATURE

The high temperature alarm will go on if the oven temperature exceeds the high temperature limit set for the oven. Default high temperature is 750°F

Press “Alarm Silence” to turn off alarm

To reset the alarm, locate the high temperature switch (which is a press button), located on the junction box next to the main control panel (see photo below left) and press button to turn off alarm.

The burner will be shut down when this alarm goes off.

Allow oven to cool down.

Oven will automatically fire when it falls below the set point.

If High Temperature alarm continues to go off, call your service

technician to troubleshoot the situation.

EXHAUST DAMPER (Only for TMB Baking TAG Gas Deck Oven)

The exhaust damper must be open in order for the oven to operate.

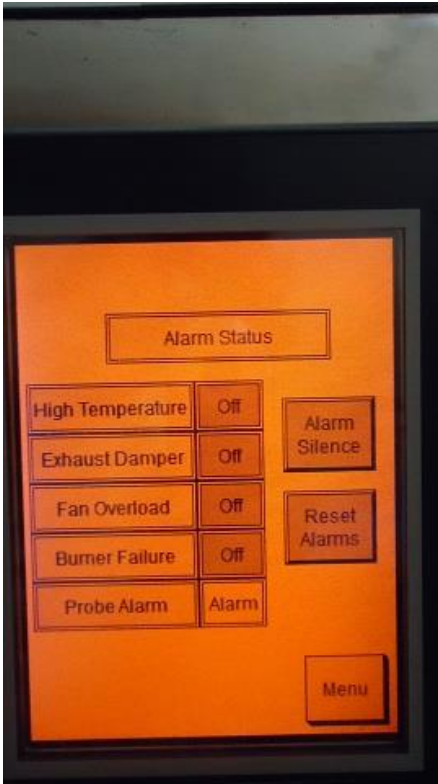
The “Exhaust Damper” alarm will sound when the damper is closed during the oven operation.

Press “Alarm Silence” to turn off alarm

To reset alarm, open the exhaust damper, located on the left-hand side of the oven above the control panel. Lever should be in down position with handle in vertical position. If you cannot reset the alarm, call your service technician to troubleshoot the situation.

FAN OVERLOAD

If the steam exhaust fan located above the hood or on the room (if connected to control panel) fails, the alarm will sound. This will not stop the burner.



Press “Alarm Silence” to turn off alarm. Call service technician to troubleshoot fan failure.

BURNER FAILURE (Only for TMB Baking TAG Gas Deck Oven)

The burner failure alarm notifies the operator that the burner is not firing.

Press “Alarm Silence” to turn off alarm

Open the cabinet door on right side of the oven.

Reset alarm pushbutton on blue color Honeywell™ ignition module

Reset alarm on touchscreen

If Burner Failure alarm does not reset, call your service technician to troubleshoot the burner.

PROBE ALARM

The temperature probe measures the temperature on deck #3 on every TMB Baking oven.

Press “Alarm Silence” to turn off alarm

Call your service technician to troubleshoot the probe. There is a high likelihood that if this alarm sounds, the probe will need to be replaced.



MAINTENANCE (Access may be limited to authorized persons)

Press “Maintenance”

Enter 3-digit code and Press Enter (ENT)

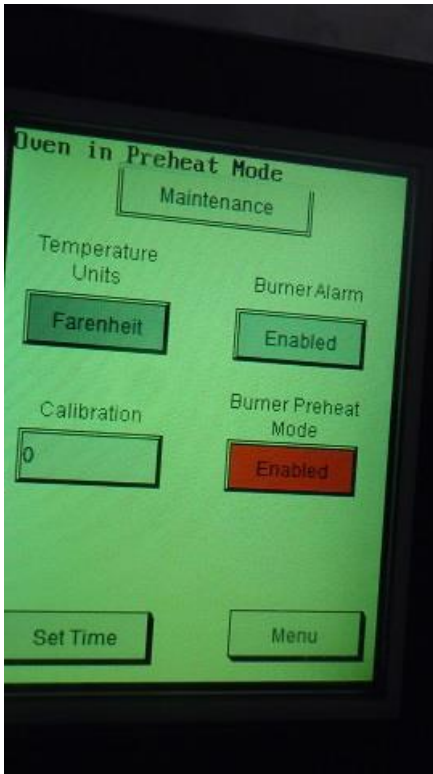
Change Fahrenheit to Celsius

Enable or Disable Burner Alarm

Calibration

Allows technician to calibrate the temperature inside the oven
Enter + or – the number of degrees from the temperature probe offset.

Set Time



Burner Preheat Mode

Changes setting for the first preheating of the oven or subsequent preheating when the oven is starting from ambient room temperature.

Step One. From RECIPE screen, change the set point to the desired final preheat temperature (Default is 450°F)

Step Two. Go to Maintenance Mode and press “Disabled” underneath “Burner Preheat Mode”

Screen will change to yellow background and “Oven in Preheat Mode” will blink at the top of the screen

Burner will automatically fire every 30 minutes, and the oven temperature will increase by 50°F every 2 hours until the set point is reached. (This will prevent the oven stone from cracking or causing any other damage to the oven from heating too rapidly.)

When the oven reaches the set point, the screen will change to the Recipe Screen and the oven will be ready for baking.



OPERATING THE OVEN IN MANUAL BYPASS MODE

If the touchscreen or PLC on the TMB Baking Deck Oven fails or experiences issues, the baker may operate the oven in a manual mode which bypasses the touchscreen.

In this mode the steam exhaust fan and lights will not operate. This mode is intended for short-term usage only until technical support can address issues with the touchscreen.

1. Switch the key to the right position Display above key will show the following:
 - In **Red**, actual temperature
 - In **Green**, set point for oven
2. Verify that the set point is at the correct temperature. If needed, use up or down arrows to change temperature Press SET to confirm.
3. Load deck with dough
4. Press steam button corresponding with deck for number of seconds required
5. To turn off oven, press the Red Button



THE HEART OF ARTISAN BAKERIES™

TMB Baking Contact Information

482 Grandview Drive
South San Francisco, CA 94080
(650) 589-5724
Parts@tmbbaking.com

Sending an email to this address alerts the following of your needs:

- Parts
- Technical Support
- General Management

TMB Baking Technical Support
Michael Kudatsky, Technical Support Manager
(415) 531-4906 Cell Phone & Text

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