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FRYMASTER 1814 Computer Display Unit User Manual

**1814 Computer Display Unit
User Manual**

CFESA Frymaster, a member of the Commercial Food Equipment Service Association, recommends using CFESA Certified Technicians.

**www.frymaster.com
24-Hour Service Hotline
1-800-551-8633**

8 1 9 6 5 5 8

NOTICE TO OWNERS OF UNITS EQUIPPED WITH COMPUTERS

U.S.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation. While this device is a verified Class A device, it has been shown to meet the Class B limits.

CANADA

This digital apparatus does not exceed the Class A or B limits for radio noise emissions as set out by the ICES-003 standard of the Canadian Department of Communications.

1814 Computer

Contents

Overview

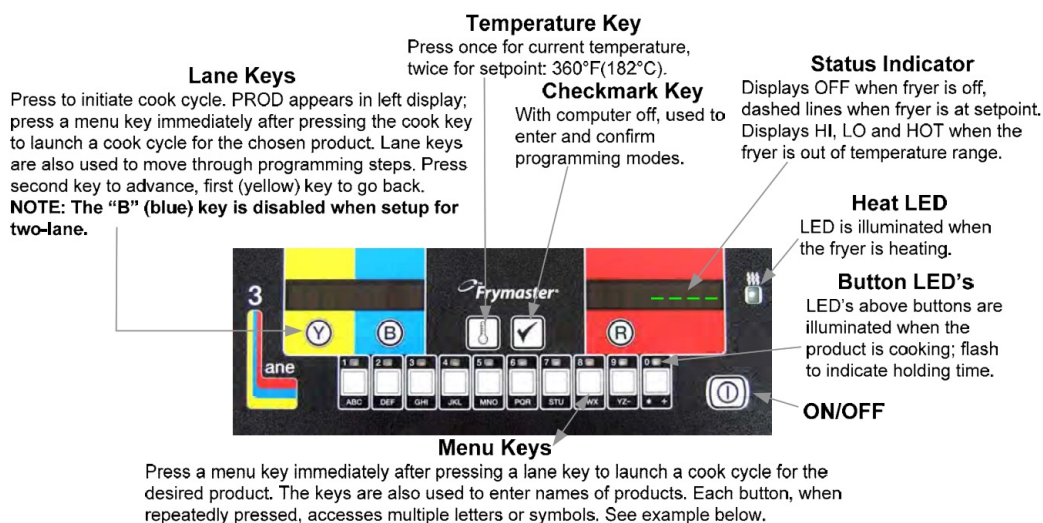**Multi-Product Mode (5050)**

Turn Fryer ON
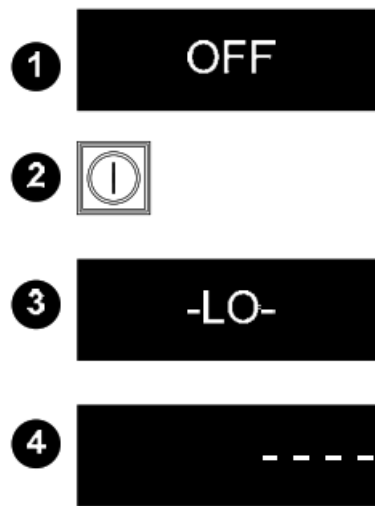
1. OFF appears in the status display when the controller is off.
2. Press the ON/OFF button.
3. LO- appears in a status display. If the melt cycle is enabled. MLT-CYCL will appear until the temperature is over 180°F (82°C).
4. Dashed lines appear in the status I display when the fryer is at setpoint basic operation

Launch Cook Cycle
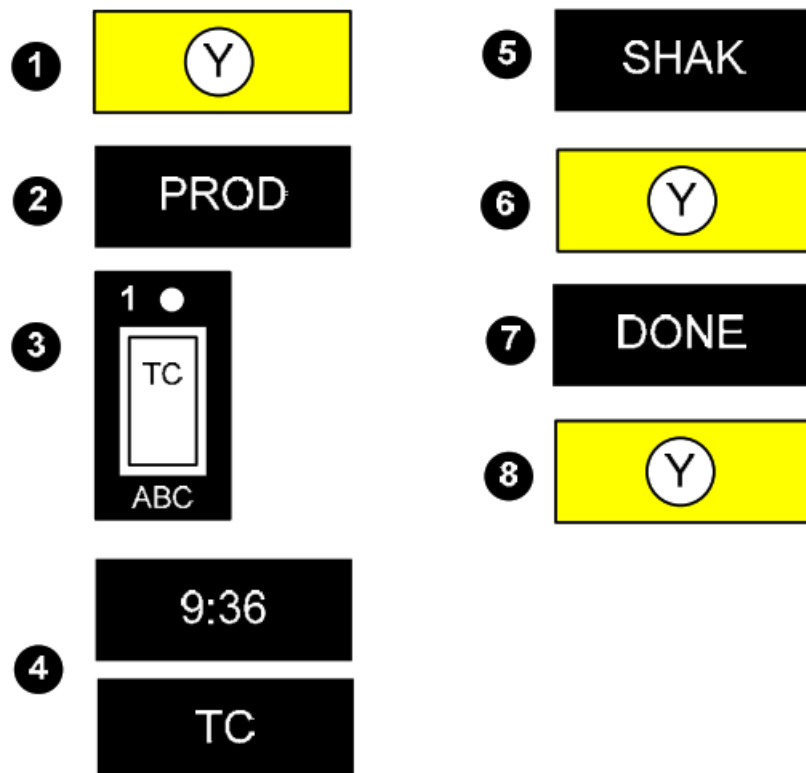
1. Press a lane key.
2. PROD appears in the window above the pressed button. (An alarm sounds if a menu key is not pressed in five seconds.)
3. Press the menu key for the desired product
4. The display changes to the cooking time for the product and then alternates between the remaining cook time and the product name.

5. SHAK is displayed if a shake time was programmed.

6. Shake the basket and press the lane key to silence the alarm.

7. DONE appears at the end of the cook cycle.

8. Press the Lane key to eliminate the DONE display and silence the alarm.

9. Quality time is indicated by a flashing LED over the menu key. Press the key to display the remaining time.

10. LED flashes faster and an alarm sounds at the end of the quality countdown. Press the menu key under the flashing LED to halt the alarm
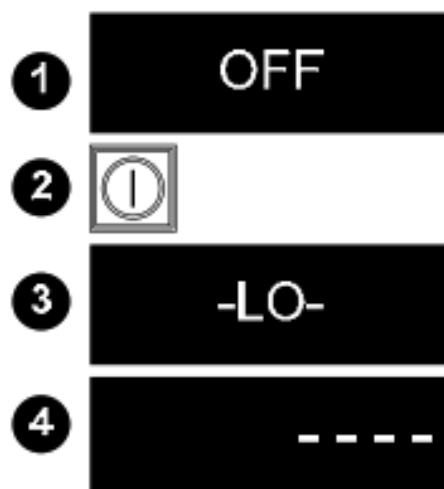
NOTE: To halt a cook cycle, press and hold the lane key under the displayed item for about five seconds.

1814 Computer
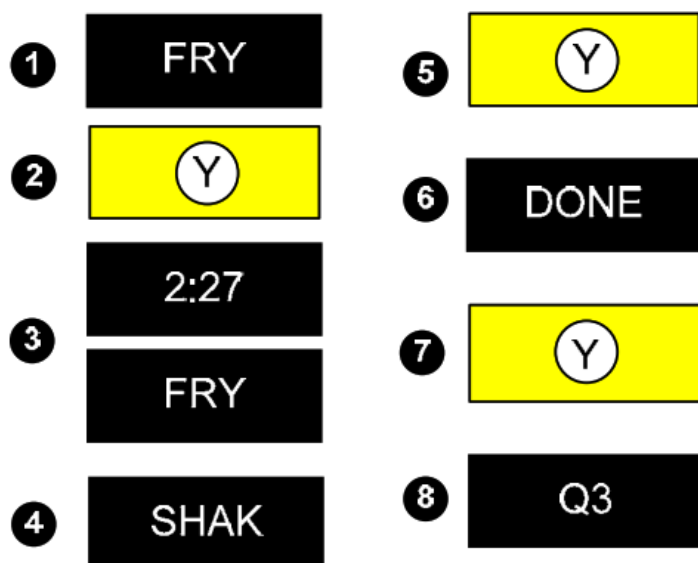Overview French Fry Mode (5060)
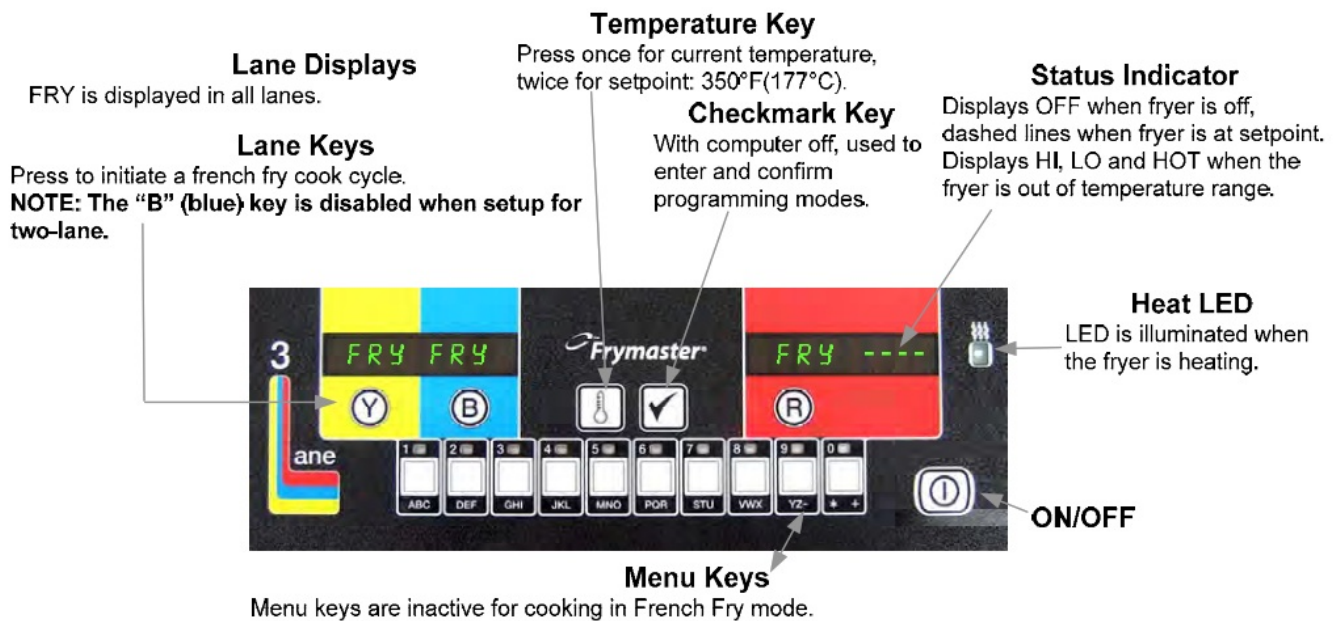
Basic Operation

Turn Fryer ON

1. OFF appears in the status display when the controller is off.

2. Press the ON/OFF button.

3. L0- appears in a status display. If the melt cycle is enabled, MLT-CYCL will appear until the temperature is over 180°F (82°C).
4. Dashed lines appear in the status display when the fryer is at the setpoint.

Launch Cook Cycle

1. FRY appears in all lanes.
2. Press a lane key.
3. The display changes to the cooking time for the fries, alternating with FRY
4. SHAK is displayed if a shake time was programmed.
5. Shake the basket and press the lane key to silence the alarm.
6. DONE appears at the end of the cook cycle.
7. Press the Lane key to eliminate the DONE display.
8. Display alternates between FRY and quality countdown.

NOTE: To halt a cook cycle, press and hold the lane key under the displayed item for about five seconds.

Programming New Menu Items in Multi-Product Computer

Follow these steps to enter a new product in the computer. The actions to be taken are in the right column; the computer displays are shown in the left and middle columns.

Left Display	Right Display	Action
	OFF	Press ✔
CODE		Enter 5050 with numbered keys.
	OFF	Press ✔
CODE		Enter 1650 with numbered keys. Press lane key B (Blue) to advance the cursor, and Y (yellow) key to go back. (**NOTE:** Press ü if the controller is in any language except English, or the left display will be blank.)

TEND CC	1 YES	Press the key to advance to the desired position.
Product to be changed or open position	Number and Yes	Press ✔.
Product name with the cursor flashing under the first character.	Edit	Enter the first letter of a new product with a numbered key. Press until the desired letter appears. Advance cursor left key. Repeat until the eight-letter or less name of the product is entered. Eliminate characters with the key.
New product name	Edit	Press ✔.
Position number or version of the previous name.	Edit	Enter a four-letter abbreviated name, which will alternate with the cook time display during cook cycles.
Abbreviated name	Edit	Press 🌡.
Full name		Press ✔
SHAKE 1	M:00	Press 🌡 to toggle between M (manually cancelling alarm) and A (automatically cancelling alarm). Enter time in the cook cycle to shake the basket with the numbered keys.
SHAKE 1	Your settings	Press ✔
SHAKE 2	M:00	Press 🌡 to toggle between M and A. Enter the time in the cook cycle to shake the basket a second time.
SHAKE 2	Your settings	Press ✔
REMOVE	M:00	Enter cook time in minutes and seconds with numbered keys. Press 🌡 to toggle between auto and manually cancelling alarm.
REMOVE	Your settings	Press ✔
QUAL	M: 00	Enter time product can be held after cooking. Press 🌡 to toggle between auto and manually cancelling alarm.
QUAL	Your Settings	Press. ✔
SENS	0	Sens allows the fryer controller to adjust cooking times slightly, ensuring small and large loads cook identically. Setting the number to 0 allows no time adjustment; a setting of 9 produces the most time adjustment. Enter the setting with a numbered key.

SENS	Your setting	Press ✔
New Product		**If a key assignment is needed:** press a menu key. Note: This eliminates any previous link associated with the chosen key. **Key not needed:** skip to the next step
New Product	YES Key Number	Press ⏻ (power key).

Programming New Menu Items in Multi-Product Computer
Assigning Products to Menu Keys

Left Display	Right Display	Action
	OFF	Press ✔
CODE		Enter 1650 with numbered keys.
Menu items	YES	Press B (Blue) key to advance through menu items.
Desired menu item	YES	Press key to be used to cook product. Note: This eliminates any previous link associated with the chosen key.
Product name	Number YES	Press ⏻ (power key).

Changing Menu Items in Dedicated Computer
Follow these steps to change a product in the computer. The actions to be taken care in the right column; the computer displays are shown in the left and middle columns.

Left Display	Right Display	Action
	OFF	Press ✔
CODE		Enter 5060 with numbered keys.
	OFF	Press ✔
CODE		Enter 1650 with numbered keys. Press lanthe e key B (Blue) to advance the cursor, Y (yellow) key to go back.
FRIES	YES	Press 🌡.
Product name with cursor flashing under first character.	Edit	Enter the first letter of the product name with a numbered key. Press until the desired letter appears. Advance cursor left key. Repeat until the eight-letter or less name of the product is entered. Eliminate characters with the 0 key.
Product name	Edit	Press 🌡.
Previous abbreviated name.	Edit	Enter a four-letter abbreviated name, which will alternate with the cook time display during cook cycles.
Abbreviated name	Edit	Press 🌡.
Full name	YES	Press ✔.
SHAK 1	A:30	Press 🌡 to toggle between M (manually cancelling alarm) and A (automatically cancelling alarm). Enter time in the cook cycle to shake the basket with the numbered keys.
SHAK 1	Your settings	Press ✔.
SHAK 2	A:00	Press 🌡 to toggle between M and A. Enter the time in the cook cycle to shake the basket a
SHAK 2	Your settings	Press ✔.

Left Display	Right Display	Action
REMOVE	M 2:35	Enter cook time in minutes and seconds with numbered keys. Press 🌡 to toggle between auto and manually cancelling alarm.
REMOVE	Your settings	Press ✔ .
QUAL	M 7:00	Enter time product can be held after cooking. Press á to toggle between auto and manually cancelling alarm.
QUAL	Your Settings	Press ✔ .
SENS	0	Sens allows the fryer controller to adjust cooking times slightly, ensuring small and large loads cook identically. Setting the number to 0 allows no time adjustment; a setting of 9 produces the most time adjustment. Enter setting with numbered keys.
SENS	Your setting	Press ✔ .
FRIES	YES	Press ⏻ (power key).
	OFF	

Computer Setup, Codes
Follow these steps to prepare the computer for placement on a fryer:

LeftDisplay	Right Display	Action
	OFF	Press ✔
CODE		1656 with numbered keys.
GAS	YES or NO	Press 🌡 to toggle between YES and NO. Leave at NO for electric fryer.
GAS	NO	With the desired answer in place press ✔.
2 Basket	YES or NO	Press 🌡 to toggle between YES and NO. Leave at NO for three baskets.
2 Basket	Y or NO	With the desired answer in place, press ✔.
SET-TEMP	NONE 360	Enter cooking temperature for non-dedicated items with the numbered keys; 360°F is the default setting.
SET-TEMP	Entered temperature.	Press ✔.
SET-TEMP	DED 350	Enter cooking temperature for dedicated items with the numbered keys; 350°F is the default setting.
SET-TEMP	Entered temperature.	Press ✔.
	OFF	None. The setup is complete.

Left Display	Right Display	Action
	OFF	Press a
CODE		**Enter** · 1650: Add or edit menus · 1656: Setup, change energy source · 3322: Reload factory default settings · 5000: Displays total cook cycles. · 5005 Clears total cook cycles. · 5050: Sets unit to multi-product. · 5060: Sets unit to French Fries. · 1652: Recovery · 1653: Boil Out · 1658: Change from F° to C° · 1656: Setup · 1655: Language Choice

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Documents / Resources

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1814, Computer Display Unit, 1814 Computer Display Unit

References

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