



COOKING COMPUTER

OPERATOR'S MANUAL

SECTION I FEATURES

The Keating cooking computer automatically adjusts time to compensate for temperature variation, and assures a consistent-tasting product. Cooking times and temperatures may be programmed using a special program mode. When programmed, frying is as simple as pressing a button.

The Keating computer features:

1-1. MULTI-PROGRAMMABILITY

Eight different cook cycles may be programmed into the computer. Each cook cycle has a separate control with a range between 1-second and 99-minutes, 59-seconds. Cooking times and temperatures cannot be altered by kitchen help.

1-2. CONSTANT COOKING TEMPERATURES

A cooking range of 290°F. to 399°F. may be programmed into the computer. Cooking at constant temperatures provides a more consistent-tasting product. The computer will automatically adjust time for any variations in the oil temperature.

1-3. PRE-ALARM

One pre-alarm may be programmed for each cooking cycle (cook key). The pre-alarm may be used to:

1. Warn your cook that a cook cycle is near completion.
2. Notify your cook when a basket needs to be shaken or a product needs to be turned.
3. Coordinate two products with different cooking times which must be finished at the same time.

A pre-alarm of 1-second to 99-minutes, 59-seconds may be programmed for each cook key.

1-4. HOLD CYCLE

Hold cycle automatically activates at the end of the cook cycle and indicates to your cook when an unsold product should be discarded.

1-5. HI LIMIT SAFETY SENSOR

The Hi Limit is a safety device which continually checks the temperature of the cooking oil. If the oil rises 40° above the set temperature, "Hi" will appear in the display window. If the temperature reaches 425°F., the fryer automatic Hi Limit control is activated. The burners/elements will automatically shut off. The fryer will not operate until the oil has cooled and the fryer Hi Limit is reset.

NOTE: The reset button is located under the control panel inside the fryer cabinet.

1-6. MANUAL MODE

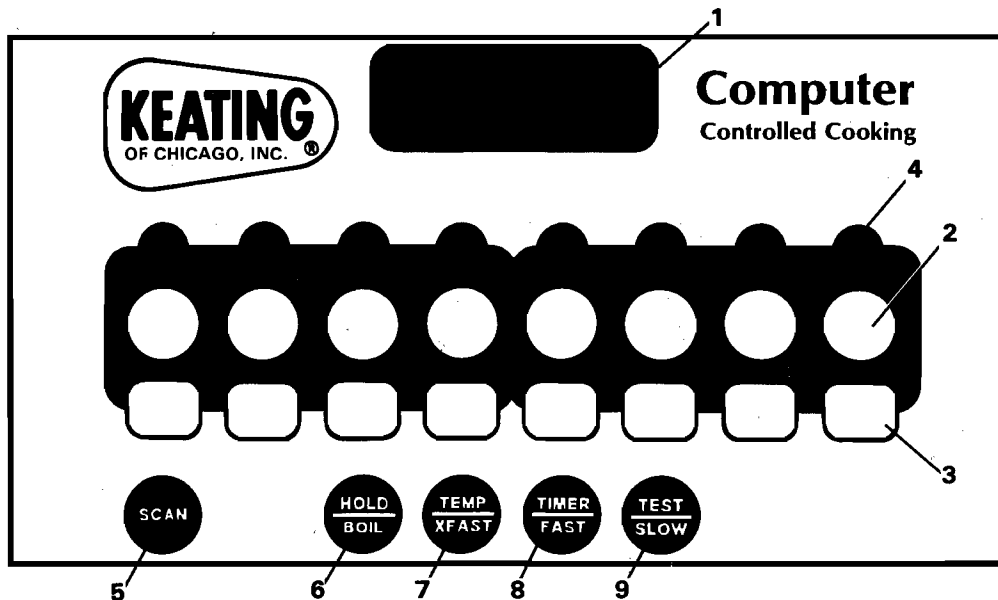
A malfunction in the thermostat probe will result in the word "Probe" appearing in the display window. Turning off the computer will automatically engage the back-up thermostat which is set at 350°. To increase or decrease this temperature, remove the control panel and adjust the thermostat dial. (See Fryer Operator's Manual.)

1-7. MELT CYCLE

The computer comes pre-programmed with a melt cycle. This allows solid shortening to be safely melted.

The burners/elements will cycle on for 5-seconds and off for 50-seconds, until the shortening is melted. At that point, the burners/elements will stay on until the shortening reaches cooking temperature. Once cooking temperature has been reached, [----] will appear in the display window. The melt cycle may be removed from the program if liquid shortening is used. (See programming instructions, Section 3-7.)

SECTION 2 CONTROLS



1. LED Display Window
2. Cook Key
3. Cook Key Identifier
4. Cook Key Indicating Light
5. Scan Control Button

6. Hold/Boil Control Button
7. Temp/XFast Control Button
8. Timer/Fast Control Button
9. Test/Slow Control Button

2-1. LED DISPLAY WINDOW

Indicates the operation mode of the fryer.

Program —

A display of "PR-A" melt mode indicates the computer is in the programming mode.

Cook —

When the computer is turned on, "LO" will appear in the display window. This indicates the fryer is not up to program temperature. If melt cycle is programmed (PR-A), the burners/elements will cycle on and off until the fryer has reached 250°F. The burners/elements will then stay on until the fryer has reached the programmed cooking temperature. If melt cycle is removed (PR-F), burners/elements will stay on continuously until fryer has reached program temperature. At that point, the display window will show [---] and fryer is ready to cook. (See Melt Cycle, Section 3-7.)

During the cook cycle, the display window will show the cook time remaining. The shortest cooking time, if more than one cook key is being used, will be displayed.

2-2. COOK KEY

Program —

Depress the COOK key to program a cooking or pre-alarm time for each of the eight cooking cycles.

Cook —

The COOK key activates a pre-programmed cook cycle. There are eight cook keys, enabling you to cook up to eight different products. A cooking cycle is activated by depressing a selected cook key.

2-3. COOK KEY IDENTIFIER

There is one Cook Key Identifier below each cook key. The identifier allows the operator to label a cook key with the product for which that particular key is programmed.

2-4. COOK KEY INDICATING LIGHT

Program —

Cook Key is selected to set cooking time for each of 8 products.

Cook —

A Cook Key indicating light will flash to tell the cook which of the eight programs is currently in process. If more than one Cook Key is in operation at the same time, the cycle with the least time remaining will flash. The indicating lights for the other cook cycles in operation will be lit, but will not flash.

2-5. SCAN CONTROL BUTTON

Program —

The SCAN control button is used to enter a command into the computer (temperature, time, pre-alarm, hold).

Cook —

When SCAN is pressed and held, cooking time remaining for each cook cycle in operation will be displayed for one second in sequence. Pre-alarm, hold alarm or completed cooking cycle alarm will override the SCAN function.

2-6. HOLD/BOIL CONTROL BUTTON

Program —

The Hold button is used to program the 4 hold times which tell your cook when a product should be discarded.

The hold button does not need to be depressed to activate the hold cycle in the operation mode. The HOLD cycle will automatically count down, once the cooking cycle is complete and the cook key has been depressed.

COOK KEY	ACTIVATE
#1 and #5	HOLD CYCLE (1H00)
#2 and #6	HOLD CYCLE (2H00)
#3 and #7	HOLD CYCLE (3H00)
#4 and #8	HOLD CYCLE (4H00)

NOTE: Each pair of Cook Keys activate the same Hold Cycle. For example, if both Cook Keys #1 and #5 are being used at the same time, the first cook cycle completed will activate Hold #1. If the sum of the time of Cook Cycle #1 and Hold Cycle #1 is less than the time required to complete Cook Cycle #5, then HOLD will sound for Cook Key #1.

Cook —

BOIL is used when boiling out the fryer during clean-up. Depress the BOIL button after the fryer has been filled with water. The boil cycle will hold the water temperature at 212°F. during boil-out.



CAUTION

NEVER leave the fryer unattended during boil cycle.

2-7. TEMP/XFAST CONTROL BUTTON

Program —

Depress to program temperature for all cook cycles.

The XFAST button is used in the program mode. It is the fastest setting at which the displayed time or temperature may be adjusted.

Cook —

Depress the TEMP button at any time to check the oil temperature. The temperature will be displayed in the LED display window.

NOTE: No temperature will display if the oil is below 250°F.

2-8. TIMER/FAST CONTROL

The FAST button is used in the program mode. It is the second fastest setting at which the displayed time or temperature may be adjusted.

2-9. TEST/SLOW CONTROL BUTTON

The SLOW key is used in the programming mode. It is the slowest setting at which the displayed time or temperature may be adjusted.

**SECTION 3
PROGRAMMING**

3-1. ENTER PROGRAM MODE

- ACTION:** Simultaneously press SCAN and TEMP.
RESPONSE: LED will display 18.
- ACTION:** Simultaneously press HOLD and TEST.
RESPONSE: LED will display PR-A.

NOTE: If LED displays PR--F, Press TEST 1. (Computer may be programmed in either PR-A or PR-F. See Section 3-7, MELT CYCLE.)

3-2. PROGRAM COOKING TEMPERATURE

- ACTION:** Press TEMP.
RESPONSE: LED will display pre-programmed temperature.
- ACTION:** Press XFAST then FAST then SLOW until . . .
RESPONSE: LED displays desired cooking temperature.
- ACTION:** Press SCAN to enter temperature.
RESPONSE: LED will display PR-A.

3-3. PROGRAM COOK TIME

NOTE:

1. ACTION: Press selected cook key.
RESPONSE: LED will display pre-programmed cook time.
2. ACTION: Press XFAST then FAST then SLOW until . . .
RESPONSE: LED displays desired cook time (minutes and seconds).
3. ACTION: Press SCAN to enter cook time.
RESPONSE: LED will display pre-alarm time.

NOTE: Cooking temperature is now set although PRE-ALARM time is being displayed. To program PRE-ALARM, proceed to Section 3-4, Step 3. If you want to exit program, press SCAN and proceed to 3-6.

3-4. PROGRAM PRE-ALARM TIME

NOTE: Use Steps 1 and 2 **only** if you have just entered PROGRAM MODE.

1. ACTION: Press selected cook key.
RESPONSE: LED will display pre-programmed cook time.
2. ACTION: Press SCAN key.
RESPONSE: LED will display PRE-ALARM time.
3. ACTION: Press XFAST then FAST then SLOW until . . .
RESPONSE: LED displays desired pre-alarm time.

NOTE: Set time to 000 if no pre-alarm is desired.

4. ACTION: Press SCAN to enter pre-alarm time.
RESPONSE: LED will display PR-A.

NOTE: To program additional cook keys, return to Step 1. (To exit, proceed to 3-6.)

3-5. PROGRAM HOLD TIME

NOTE: If you are beginning at this point, first enter PROGRAM MODE, Section 3-1, Steps 1 and 2.

1. ACTION: Press HOLD
RESPONSE: LED will display 1H00.

NOTE: Hold time is displayed in **minutes** only.

2. ACTION: Press XFAST then FAST then SLOW until . . .
RESPONSE: LED displays desired hold time.

NOTE: Set HOLD to "00" if no hold time is desired.

3. ACTION: Press SCAN to enter hold time.
RESPONSE: LED will display 2H00.

NOTE: Repeat Steps 2 and 3 to program each of 4 hold times.

3-6. EXIT PROGRAM

NOTE: Press SCAN until PR-A or PR-F is displayed.

1. ACTION: Simultaneously press SCAN and TEMP.
RESPONSE: LED will display [----].

3-7. MELT CYCLE



CAUTION: MELT CYCLE should be removed from the program **ONLY** if liquid shortening is being used.

1. ACTION: Press TEST.
RESPONSE: LED will display PR-F.
2. ACTION: Simultaneously press SCAN and TEMP.
RESPONSE: LED will display [----].