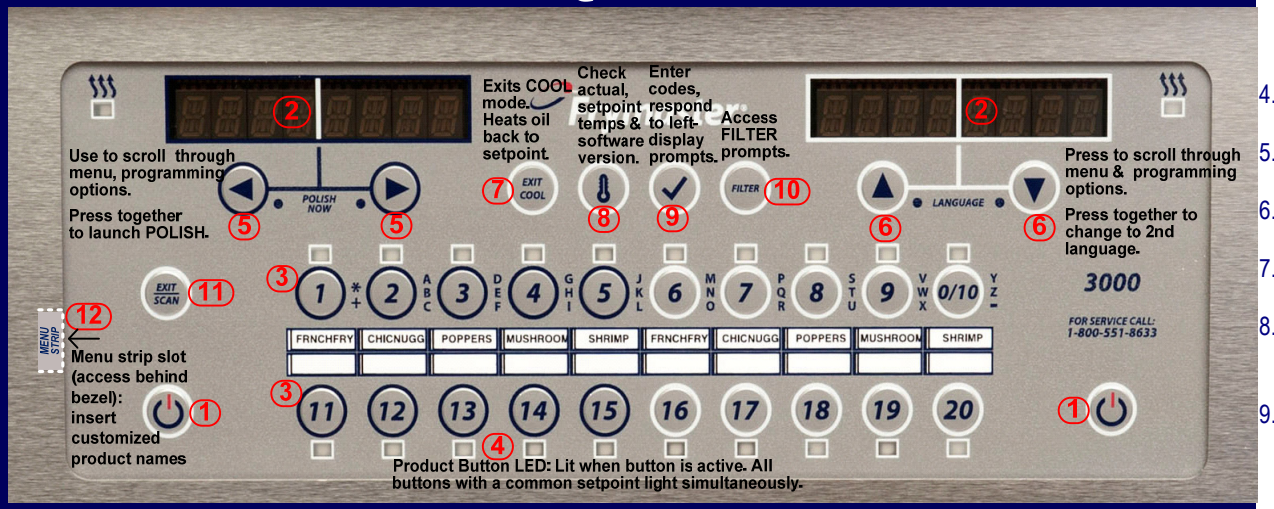
3000 Controller: Quick Reference



1. **On/Off:** Turn controller on/off; exit filter/polish cycles.
2. **Display Screens**: Written information prompts.
3. **Product Buttons:** Press to start, complete, or cancel (press and hold) a product cook. To change to another setpoint temperature, press,then release desired non-lit button. When lit, push again to start cook at alternate setpoint temperature. In scan mode, press to view product setup.
4. **Product Button LEDs:** Light for products that cook at setpoint. Flash during cook cycle.
5. **Left/Right Scroll:** Navigate options in left display window. Press and hold both simultaneously to launch polish cycle.
6. **Up/Down Scroll:** Navigate options in right display window. Press both simultaneously to change to a second language.
7. **Exit Cool:** Press and release to exit COOL mode. Oil heats back to setpoint. Press to cancel melt cycle.
8. **Thermometer:** With controller on, shows setpoint in left display & vat temp on the right. (Toggles for split pot.). When off, shows setpoint, time, type of fryer, and software version.
9. **Checkmark:** With controller on or off, press & release to get recovery time (normal for electric is 1:40 or less & for gas is 2:25 or less). With controller off, press and hold for 4-5 seconds for info mode functions, or 10 seconds for main menu: programming functions.
10. **Filter:** With controller off or on, press for cooks remaining in filter cycle. Press and hold to access filter menu (filter, clean & filter, dispose). (Fill vat from BULK options will also display on Bulk Oil models). With frypot off, press and hold to access dispose & boil out.
11. **Exit/Scan:** Press to view product names or to exit programming. See instructions on reverse.
12. **Menu Strip:** Remove bezel to access customizable menu strip.

Cooking

1. Press **ON/OFF**[1]: Display Screens[2] show system information and oil heats to setpoint.
2. **DROP**: Press product button[3] and drop product.
3. **Other possible cooking display prompts**:
   - ** Temperature is outside the cooking normal range but controller will adjust cook time accordingly, so cook can be started without affecting food quality. DROP will display when temperature is back in the normal cooking range.
   - **High Temp** – Temperature is higher than normal variation.
   - **Low Temp** – Temperature is lower than normal variation.
4. **SHAKE**: If shake is needed, alarm sounds.
5. **DONE**: Audible alarm sounds. Press blinking product button[3] to cancel alarm and remove product.

Note: To cancel cook at any time: Press and hold blinking product button[3].

Cooking: COOL Mode activation / deactivation

1. Press **ON/OFF**[1]: Oil heats to setpoint temperature.
2. **COOL:** After the programmed idle time, controller reverts to idle temperature and displays COOL. With full frypots only, press at any time to reduce the oil temperature to COOL mode. Default Is 250° F (121° C). The COOL mode temperature can be adjusted. See MAIN MENU: VAT SETUP.
3. Press **Exit Cool** to return oil to setpoint temperature.

Polish* (Controller must be ON)

1. To polish, press and hold ◀▶ simultaneously.
2. Controller displays[2] "POLISH NOW" alternating with "YES" and "NO".
3. Select YES (button under YES display[5]) to launch polish cycle or NO to continue cooking.
4. Follow prompts for step by step polish guidance.
5. Controller turns off when polish cycle is complete.

*Minimum temperature to polish is 300°F (149°C)

Filter (Controller must be ON to record filter events and to display step by step filter prompts)

1. To filter, press and hold FILTER[10]. NOTE: Only one frypot can be filtered at a time; if filter is selected on a second frypot, "WAIT TO FILTER" will scroll until a second frypot is ready to filter.
2. Select desired filter function.
3. Controller displays[2] "FILTER NOW" alternating with "YES" and "NO".
4. Select YES (press button under YES display[5]) to launch filter cycle.
5. Select NO (press button under NO display[5]) to delay filter and cooking continues.
6. Follow prompts for step by step filter guidance.
7. Controller turns off when filter cycle is complete.

Note: Controller must be OFF to access BOIL OUT filter function.

Software Version 1.59 **819-6689 NOV 2012**

Product Setup

NOTE: In full frypots, products will cook from any button to next available display, starting from left to right.

Left Display	Right Display	Action
OFF	OFF	Press & hold ✔ until MAIN MENU/PRODUCT SETUP is displayed.
PRODUCT SETUP	BLANK	Press ✔ to program products.
PRODUCT SETUP	ENTER CODE	Enter 1650.
SELECT PRODUCT	BLANK	Press desired product button.
LONG NAME	PRODUCT NAME	Enter 8 character product name using text keys. Press ▶ to advance.
SHORT NAME	PRODUCT NAME	Enter abbreviated four-character product using text keys. Press ▶ to advance.
COOKING MODE	SINGLE SETPOINT	Press ▶ If multiple setpoint or segmented cooking is desired press ▼ MULTIPLE SETPOINT displays. Follow instructions in manual.
1 TIME	0:00 OR PREVIOUSLY SET TIME	Enter or confirm total cook time with numbered keys. Press ▶ to advance.
1 TEMPR	TEMP	Enter cooking temperature. Press ▶ to advance.
1 SENSITIVITY	NUMBER	Enter value (0-9) with numbered keys. Sensitivity is the likelihood the cook time will have to stretch to compensate for product variation (condition and/or weight). Press ▶ to advance.
1 ALARM TIME (SHAKE TIME)	0:00 OR PREVIOUSLY ENTERED TIME	Enter time in cook cycle for audible shake alarm. If set to 0:00 skip to FILTER PROMPT. Press ▶ to advance.
1 ALARM NAME (SHAKE ALARM)	SHAKE	Enter selection with ▲▼ (ex. Shake, Stir). Press ▶ to advance.
1 ALARM MODE	AUTO	Enter selection with ▲▼. Press ▶ to advance.
1 ALARM TONE	SHORT	Enter selection with ▲▼. Press ▶ to advance.
2 ALARM TIME	0:00	Enter selection with ▲▼ or leave at 0:00 if no 2nd alarm needed. Press ▶ to advance.
FILTER PROMPT	0 OR PREVIOUSLY SET #	Enter number of cooks before a filter prompt. (Default is 0) so filter prompting is not associated with number of cook cycles. Press ▶ to advance.
INSTANT ON	0 OR PREVIOUSLY SET #	Enter value or confirm. Press ▶ to advance. (Default is 5 seconds). O=Off. Note: Instant on time may need to be adjusted for light cooking loads.
HOLD TIME	0 OR PREVIOUSLY SET #	Enter time to hold product before discarding (Default is 0). - In Standard mode, the timer runs in the background but cancels when a new cook is started on that product button. Controller can count down holds from 8 different product buttons at the same time. - In Lane mode (selected in TECH MODE), the timer counts down in the display screen but cancels when a new cook is started in that lane. Controller counts down one hold per cooking lane. Press ▶ to advance.
EXIT	EXIT	Press ✔ to lock in programming. Press Exit/Scan 2x to return to off.

Filter Menu Options

Left Display	Right Display	Action
DROP, OFF, COOL	DROP, OFF, COOL	Press and release FILTER button.
	# of Cooks Remaining	Displays Cooks remaining in filter cycle before displays filter prompt.
DROP, OFF, COOL	DROP, OFF, COOL	Press and hold (4-5 seconds) the FILTER button until FILTER MENU is displayed
FILTER	[BLANK]	**Controller ON:** Press ▶ to scroll to Filter, Clean and Filter, Dispose, or Exit. (Fill vat from BULK option will also display on Bulk Oil models). **Controller OFF:** Press ▶ to scroll to Dispose, Boil Out or Exit. Press ✔ to select function and follow prompts.

Viewing Filter Stats

(Daily Stats shown. See manual for other filter stats)

Left Display	Right Display	Action
OFF	OFF	Press ✔ (5 seconds) until INFO MODE is displayed.
INFO MODE	[BLANK]	Press ▶ to scroll DAILY STATS.
DAILY STATS	[BLANK]	Press ✔ to select.
MON	DATE	Press ▲▼ to scroll to the day that ends a past week. Press ▶ to advance.
FILTERS	NUMBER AND DAY	Press ▲▼ to scroll to the various days of the past week for number of times the vat was filtered on those days of the prior week. Press ▶ to advance.
FILTERS – PRIOR WEEK	NUMBER AND DAY	Press ▲▼ to scroll to the various days one week prior to the past week for the number of times the vat was filtered on those days of the prior week. Press ▶ to advance.
FILTERS BYPASS	NUMBER AND DAY	Press ▲▼ to scroll to the various days of the past week for the number of times the filter prompt was bypassed on those days. Press ▶ to advance.
COOKS	NUMBER AND DAY	Press ▲▼ to scroll to the various days of the past week for the number of cook cycles on those days. Press ▶ to advance.
EXIT	EXIT	Press ✔ button once to return to Info Mode Menu or Press Exit/Scan 2x to return the controller to off.