


## LifePro™ Thermal Cycler

1. Place the LifePro cycler on a bare benchtop for proper air intake and leave at least 6 inches around the system for ventilation.
2. Connect the power cord to the back of the cycler and then into wall outlet.
3. Place sealed PCR vessels into the block and close the lid. Twist the wheel until you hear a clicking sound.
4. Select **FILE(F1)** from the function keys to list or create a protocol (see reverse side).
5. Select **RUN(F5)** from the function keys to begin protocol.
6. Monitor the run using the existing screen or select the  key to show graphical detail.
7. Press **STOP(F1)** to cancel the run or the **PAUSE(F2)** function key to pause the run.



Your Best Friend for Lab Supplies




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### QUICK START GUIDE

#### To create a new protocol:

1. Select **FILE(F1)** and then **NEW FILE(F2)**.
2. To add a temperature step, press **+SEG(F1)** and then enter temperature and time.

NOTE: To add an infinite hold time you must enter "--:--" using the  key.


NOTE: Infinite hold turns off the heated lid.

3. To add a cycle:
  - Select **+CYCLE(F2)**.
  - Enter the number of cyclers and which steps you will be cycling.
4. To delete a highlighted step, press **DELETE(F3)**.
5. To save a protocol:
  - Press **SAVE(F5)** and enter the user, file name, and password (optional). To enter text, press the desired number key repeatedly to cycle through numbers and then letters. Press the enter  key to move to the next character field. When finished, press the up or down arrow key to move to the next field.
  - Press **SAVE(F3)** again.

#### To run an existing protocol:

1. From the main menu, press **FILE(F1)**.
2. Use the cursor keys to navigate to the desired user and protocol file and press **RUN(F5)**.
3. When in tube mode (recommended), you will be prompted to enter the reaction volume.
4. Follow on-screen instructions.

#### To change the system parameters:

1. From the main menu, press **SYSTEM(F3)**.
2. Enter desired information and press enter  to proceed to the next field. To save time programming protocols, enter the most common user as the default.
3. Use up or down arrow to select control mode. We recommend using "Tube" unless protocols were previously created on an old-style thermal cycler (e.g. PTC-100). Read pg. 12/13 of user manual for more information.
4. Use up or down arrow to toggle hotlid (heated lid) to on or off. To change the temperature, use the number keys.
5. Use up or down arrow to toggle the key beep to on or off.