

GeneAmp PCR System 2400



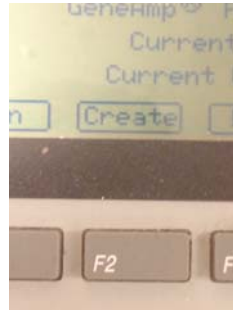
Location: Molecular Biology Room

Capacity: 24 PCR tubes.

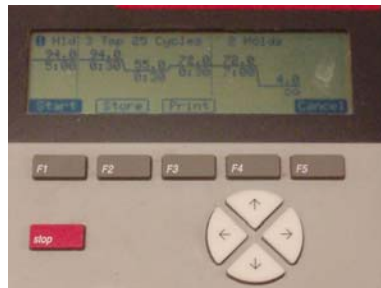
Contact Person: Edgardo Rivera, exr90@case.edu

For a new User:

1. Turn on the system by pressing the on button in the left side of the machine.
2. For a new user press F2 button to create a new set for your PCR cycle.



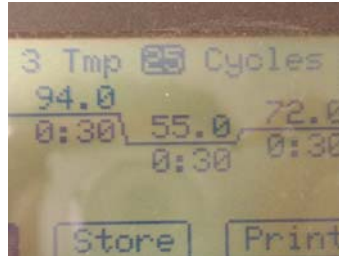
3. This will direct you to the next screen so you can change the input of your cycles including:
 - a. Annealing Temperature
 - b. Denaturing Temperature
 - c. Extension Temperature
 - d. Number of cycles
 - e. Duration of cycles



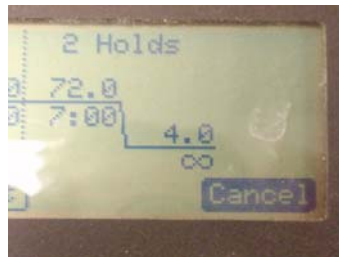
4. Use arrows to move around the screen and change the variables according to your protocol.
5. The first third of the screen will let you choose for your starting temperature better known as the denaturation temperature and duration of this initial cycle



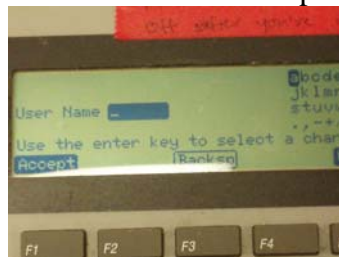
6. The second third of the screen will let you choose for annealing temperature, extension temperature and their duration as well as the number of cycles you want to run the PCR.



7. The third part of the screen will let you choose for the number of holds and final temperature.

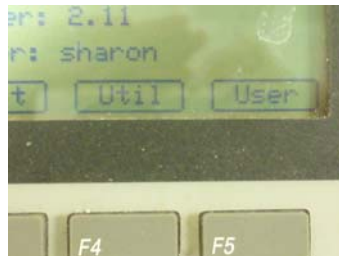


8. Press the Store button and in the next screen type your name so you can have your customized procedure stored in the machine and press accept in this new screen.



For stored users:

1. Choose user by pressing F5 in the main screen after you turn on the machine.



2. Choose your user name from the list using the arrow buttons.

3. Load your samples using PCR tubes in the upper tray wells. **Be careful as the upper tray will heat up as soon as you turn on the machine.**



4. Close the lid.



5. Press Run and **turn off the machine after your process ends.**