

INSTRUCTIONS FOR USING THE SCANNING DENSITOMETER

1. Turn on the densitometer, the switch is located on the back in the lower left. Turn on the densitometer monitor, the top switch on the front of the monitor.
2. Using the control pad on the densitometer go to the “Main Menu” screen on the monitor (usually this means press 7 a few times).
3. Open the black roll top lid on the densitometer and position your film or dried gel onto the glass plate using the orange retaining clips.
4. From the “Main Menu” screen choose option 7 to “Define Tracks.”
5. Delete the stored data for old tracks by pressing CLEAR and holding for 3 seconds.
6. Define the X position for the first track by using the cursor keys to center the black line on the moving scale over the lane to be scanned.
7. Define the “Y start” position (the bottom of the lane) by sighting the value from the scale above the lane. Press Y start, key in the value and press ENTER.
8. Define the top of the lane to be scanned in the same way. Press Y stop, key in the value and press ENTER.
9. As a default set the “Y step” value to 1, and the “X width” value to 8.
10. To store the first track data just entered, press SAVE.
11. Repeat the above procedure (steps 7 through 10) to define additional tracks.
12. After saving all of the defined tracks, leave the “Define Tracks” screen by pressing ESC - escape.
13. Close the black roll top lid of the densitometer and move to the computer.
14. Launch the GelScan XL software (this process is outlined in the beginning of the software notebook).
15. From the “Main Menu” screen, highlight “Login” and press ENTER. Enter the requested information and press ESCAPE.
16. From the “Main Menu” highlight “Scan” and press ENTER.

17. Follow the on screen directions. Use of the GelScan XL software is explained in the software documentation notebook and should be used to understand Scanning and Evaluation.