SURFSCAN 6200 for 6inch wafers

IMPORTANT: Do not use it for thick wafers (thickness > 1um)!

1. **LOG IN** using the access code: **boss**
   (if the keyboard is not working use the virtual keyboard on the monitor)
2. Double click on the icon **SCAN**
3. Select the option **Recipe** (upper left corner) /Load
4. Load one of the Standard recipes:
   STD_UCSB_6inch_G4 - for 6 inch wafers, gain4 (0.16-1.6)um
   STD_UCSB_6inch_G2 - for 6 inch wafers, gain2 (2.8-28)um
   Do not make any changes in those recipes!
5. Press OK, and recipe will be loaded
   (It will show the name of the recipe at the top of the monitor)
6. Select the option **Recipe**
7. Scroll down to option **Save as**
8. **Save as -** give a new name to the recipe (usually your name/company name etc.)
9. Select the option **Recipe/View/Modify**
10. **Modify** your recipe (wafer diameter, edge exclusion, gain, threshold etc).
11. On the same page select the option **Bin Split** and click on **Default Bin**
    This would update changes in your recipe.
12. **Save** the changes
13. **Loading wafers in carrier:**
    (For 6" wafers use white carrier for loading 6" wafers-right indexer)
14. Load the wafers into the carrier
15. Make sure wafer face is up
    (Major cut could be facing either way.)
16. Place cassette in the right indexer (for 6")
17. Make sure cassette is placed in the right place and sitting properly
18. Select on the monitor option **CASS** (Cassette)
    (Wait for the tool to read all the wafers in the cassette.)
19. If you want to scan ONLY ONE wafer, select the wafer and click on **START** (upper bar)
20. Wait for the wafer to be picked up and scanned. Record results of the scan.
21. If you want to scan multiple wafers – select option **AUTO**, then **START**
22. When the scan is complete, click on the **HOME** option, select **RECIPE/exit**, and **LOG OFF**
23. Log in in the LOG BOOK and write details regarding your scan/or issues

IMPORTANT: PLEASE LOG OFF after using the tool!