

AFPP PROCEDURE

- 1 Open program AFPP, click on configuration to setup what measurements are to be taken.
- 2 A dialog box should pop up at this time. Click 'New' to create a new configuration.
- 3 Under the topic 'Wafer', choose or type in the wafer type and measurements you desire. You can also choose the size of the probe head.
- 4 Go to the topic 'Pattern'; choose the method you want the measurement to be taken with. The graphics of common patterns is shown on the 'AFPP 300upg operations and maintenance manuel' page 5.
- 5 Go on to the topic 'Operation', in the dialog box 'Intructions to operation will appear on measure program's screen', you can write down the message to remind yourself. Choose 'File Creation Options' to locate your data. You can also type in password to protect your own configuration.
- 6 Click on the topic 'File Format', this session is your output file settings. Drag the topics you want to include in your file to the white boxes that have the column number in them. Put the icon 'Op's View' on the column you want to show while the measurements are being taken. (Note that you don't have to use up all the column, leave it blank if you don't need it)
- 7 In the topic 'Report', you can configure the format of the report, just drag the icons anywhere you wish to locate it in the top white area. (the report should print out the way you arranged)
- 8 Under the tab 'Error', you will be able to make adjusts or resets when the machine is not reading as it is supposed to read.
- 9 'Del Files' allows you to delete the data you don't want.
- 10 Under the tab 'Backup', you are able to transfer files from hard disk to floppy disk and vise versa.
- 11 Click Exit to exit configuration
- 12 Place your wafer on the table facing upward; make sure the vacuum is on.
- 13 Go to the 'Measurement Program', again a dialog box pops up, choose the configuration you just configured. Then click OK.

- 14 By clicking the 'Start New File' will let you create a new file for your data. Clicking 'load old file' will reload the old data from the file.
- 15 After that, click on the measure button will cause the system to automatically measure all unmeasured point.
- 16 After the data is completely collected, you can view the distribution map by clicking 'View Map' or print the report by clicking 'Print'.
- 17 Click 'Exit' to end the program.