PROCEDURE FOR MANUALLY LOADING MEDIA

This document is an extract from the TFX Head installation doc – Appendix I. Any changes to this doc must be carried over to the installation doc. The following procedure can be used for manually loading media. Manual loading is more convenient for doing setup plots (eg. for focus, or exposure) where only relatively small pieces of media are required.

1. Type `>> flashcvr unlock` (unlocks flash cover, if necessary)
2. Type `>> drum idle`
3. Type `>> drumvac on` (turn on the drum vacuum)
4. Type `>> set mode 1 mis` (record the value – it must be reset to this at the conclusion of testing/setup)
5. Type `>> set mode 1 mis <xx>` where xx is the desired length of the test plot in the mainscan direction. The units are in dpi. For example, setting xx = 2400 will result in a 1 inch plot; 9600 corresponds to 4 inches, etc.
6. Slide back the flash cover and spin the drum by hand until the registration bars are upright. Align the media against the registration bars and tape it on.
7. Close the flash cover.
8. Type `>> mode media <n>` (where n is the appropriate MPE media index)
9. Set `>>state plate_loc d` parameters msz, ssz, thk as required for test.
10. Type `>>bal plate` msz, ssz, thk if necessary to balance drum due to plate size.
11. Type `>> stage zero`
12. When the stage zero command finishes, the machine is ready for plotting.
13. After the plotting is finished, the media can be unloaded:
    a. Open the flash cover
    b. Type `>> drum idle`
    c. Rotate the drum by hand until the media is in position to be un-taped and removed.

14. When all testing is finished, or if a workstation plot is needed:

    a. Type
    `>> set mode 1 mis <value recorded in step 4>`

    b. Type `>> drumvac off`