

CM10 Quick Checklist

Before removing the specimen holder:

- Turn off the filament
- Center the stage
- Retract the camera

When removing the specimen holder:

- Always hold the stage with other hand

Before inserting the specimen holder:

- Check the vacuum and log book to see if there are any problems
- Only insert/remove the holder or turn on the filament if the **IGP reading is below 20**
- Top off the dewar with liquid nitrogen
- Center the stage: the right stage knob should be set to 0 (align both 0s) and the left stage knob should be set between 10 and 15
- Turn off the filament
- Retract the camera

Before leaving at the end of your session:

- Ensure the filament is off and the camera is retracted
- Insert the empty holder back into the microscope
- Save and close your images
- Sign the log book and note any problems
- Turn the data dim down to preserve the digital screen
- Turn off the lights in the room

If you encounter any problems, or think anything is strange with the CM10, please contact Zongli or Melissa before continuing.