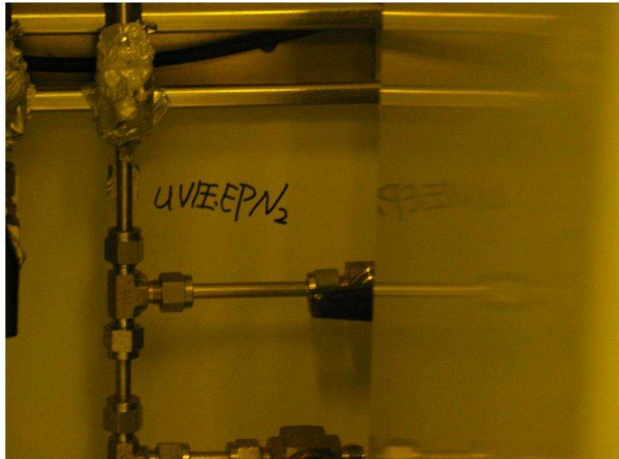
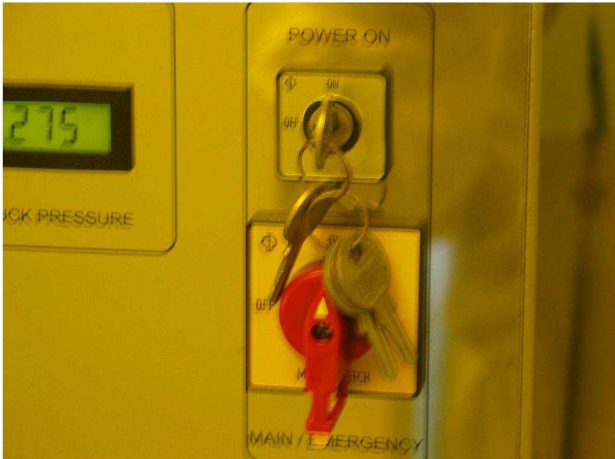
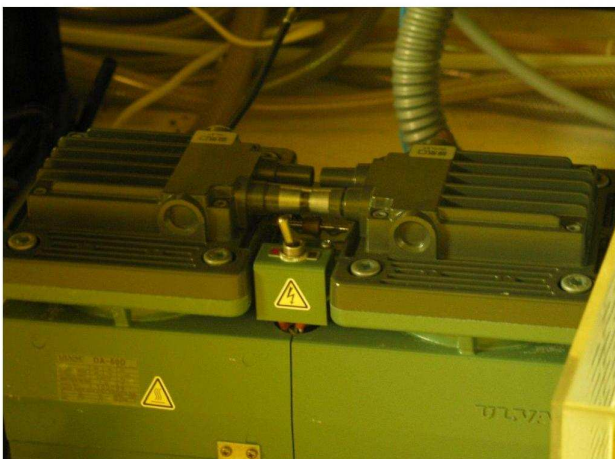
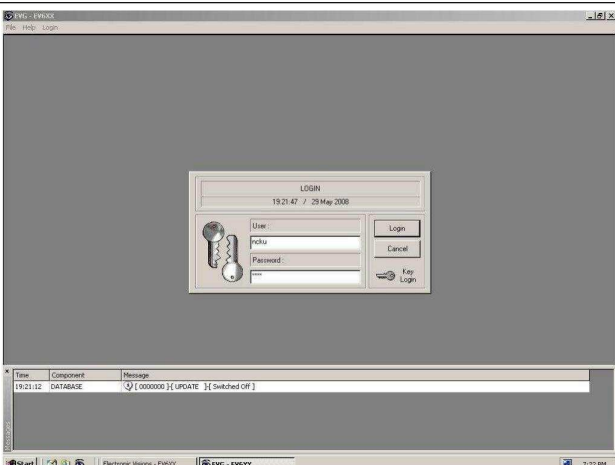
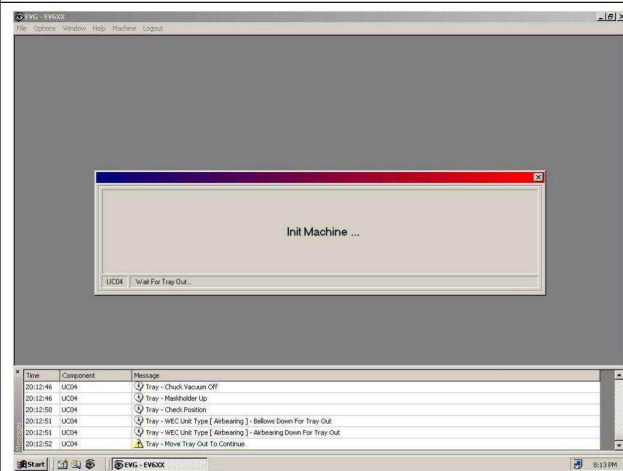


南區微奈米中心===UV 壓印機 SOP===

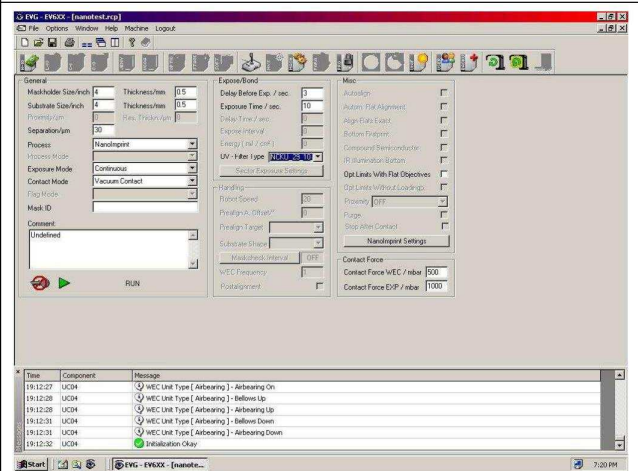
* 要使用前先電話通知中心人員,請先開 EVG nanoimprinter N2

1.打開 N2 氣閥	2.打開紅色 power
	
3.打開 UV source,開 power(電源)後再按 start 幾秒鐘(點燈)	4.打開 pump power , 再開圖二中的鑰匙開關,再開電腦 power
	
5.載台介紹	6.login : ncku/ncku
	

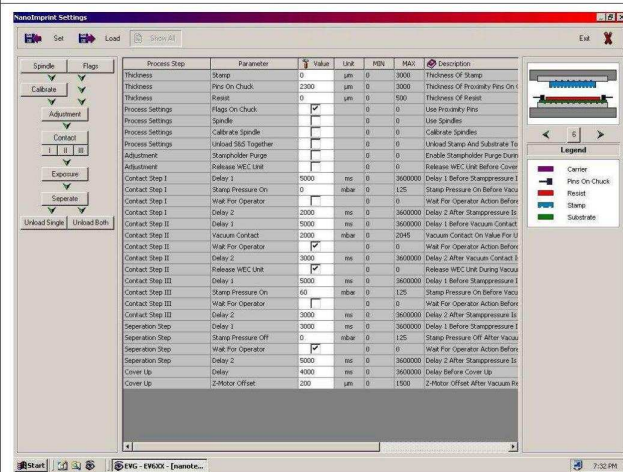
7.進入軟體(自動初始化)



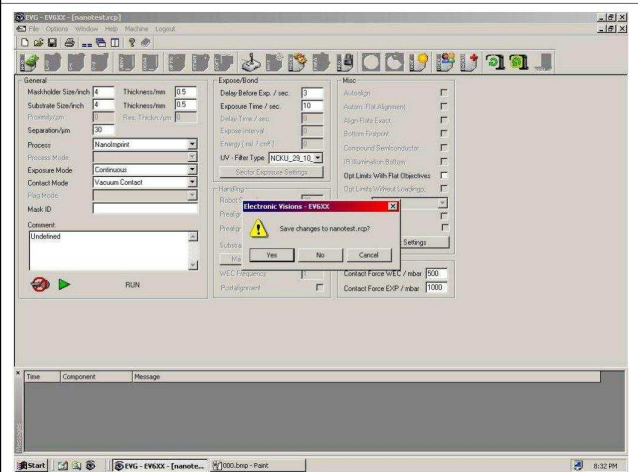
8.初始化完後有視窗可以選擇,選完後進入設定



9.細部設定

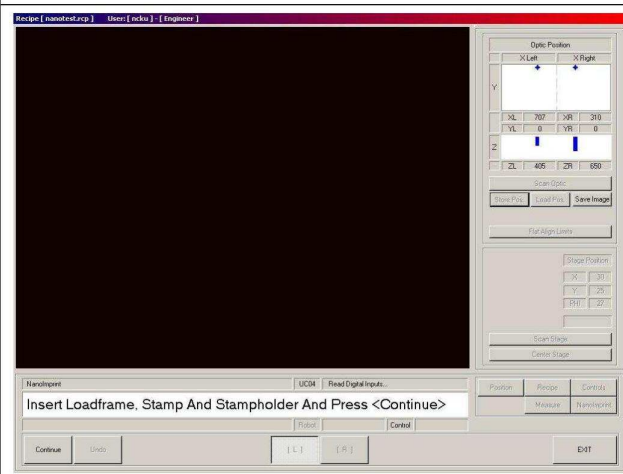


10.設定完後,會詢問是否存檔(選 yes)

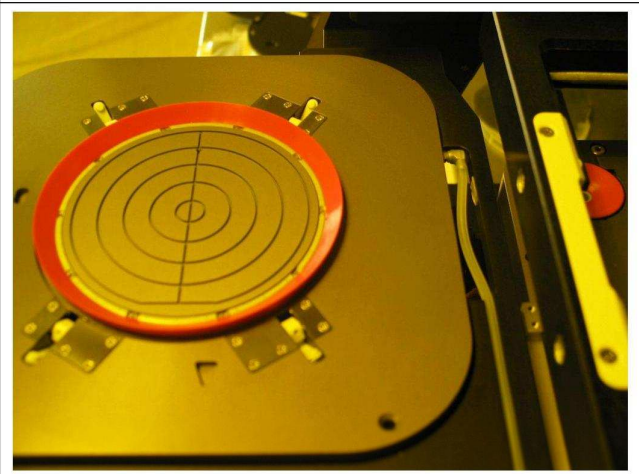


11.存完後便進入操作畫面,電腦顯示要求放入

Loadframe, stamp, stampholder



12.放入 substrate holder(基材載台),並接好抽氣管路



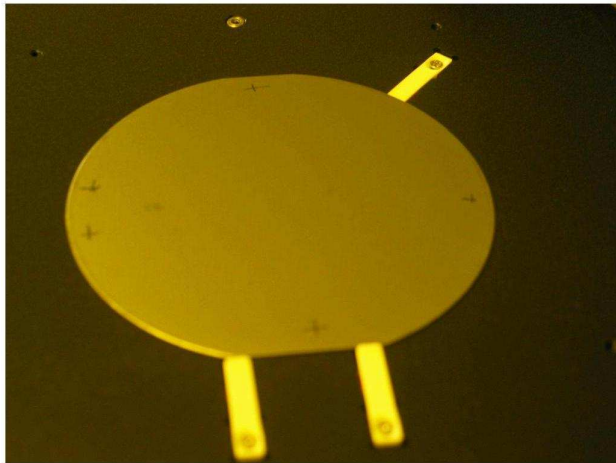
13.放入 4" Loadframe



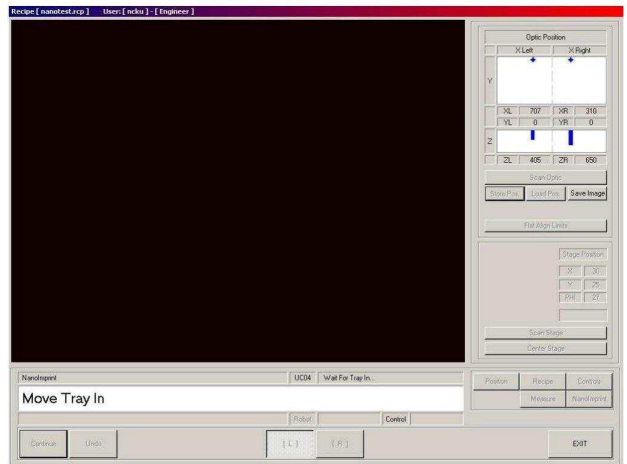
14.放入 stamp holder(模仁載台)



15.將有模仁(stamp)的試片反過來放好(圖向下),按 countiune



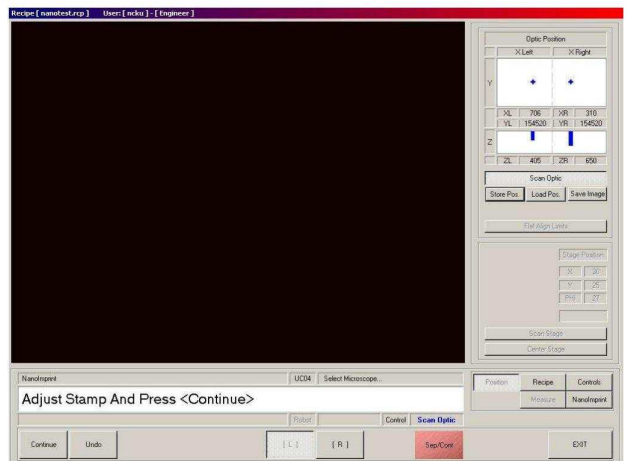
16.要求推進 tray

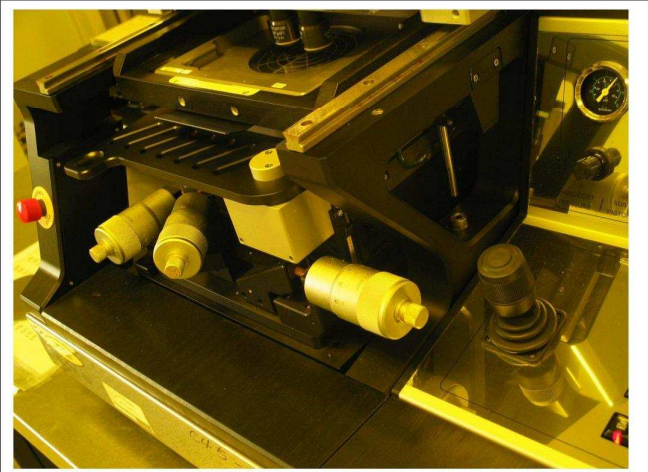
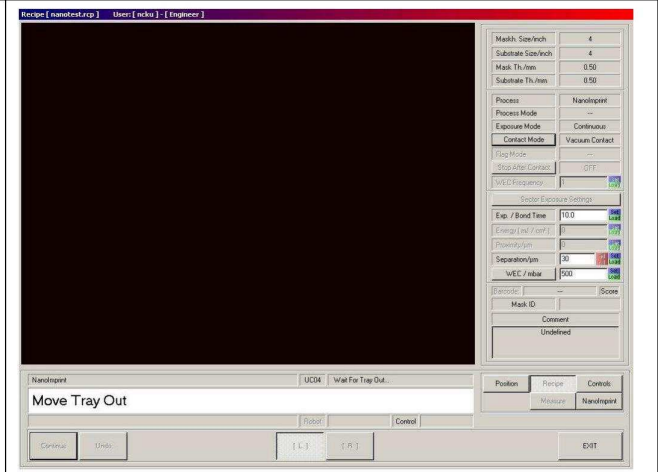
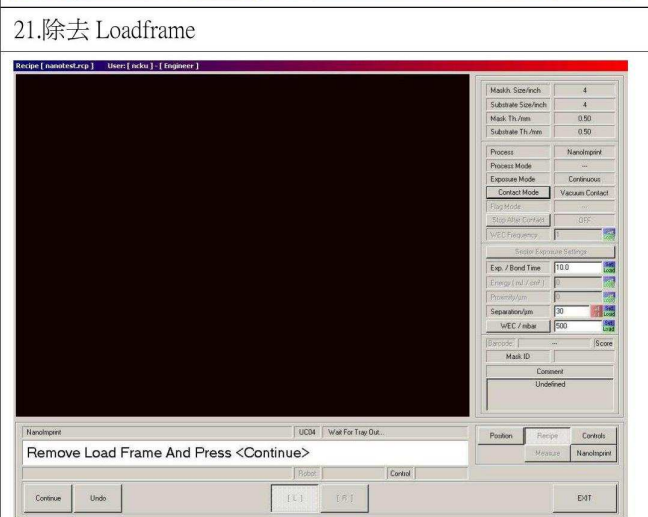
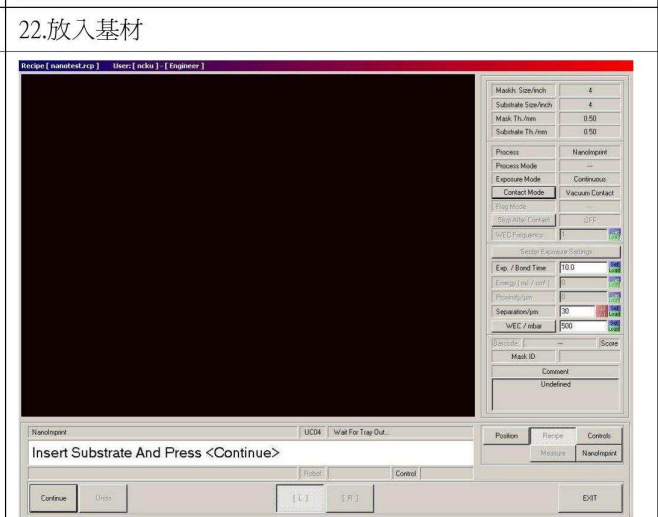
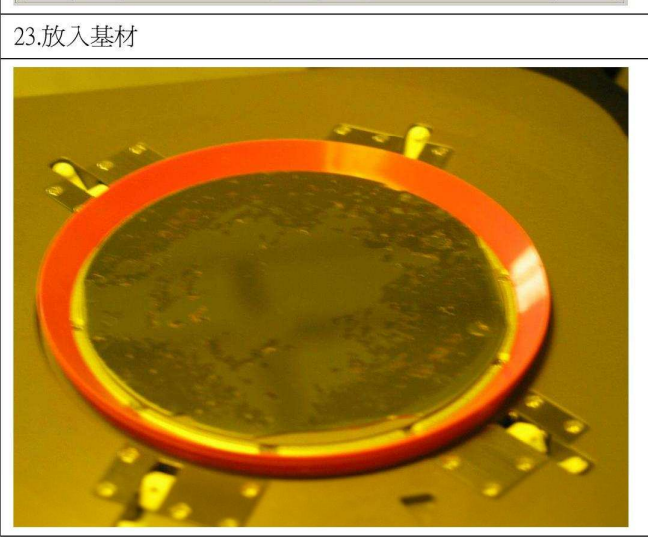
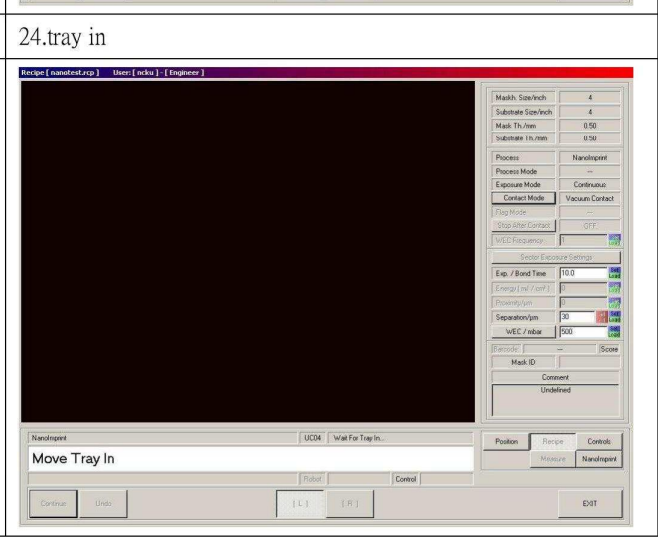


17.將 tray 推進

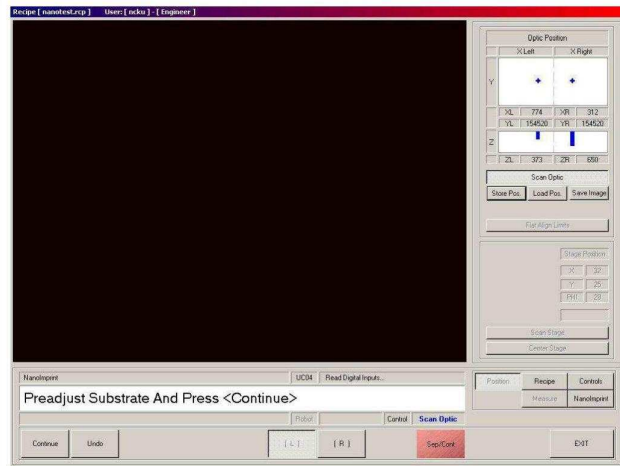


18.調整 stamp 位置



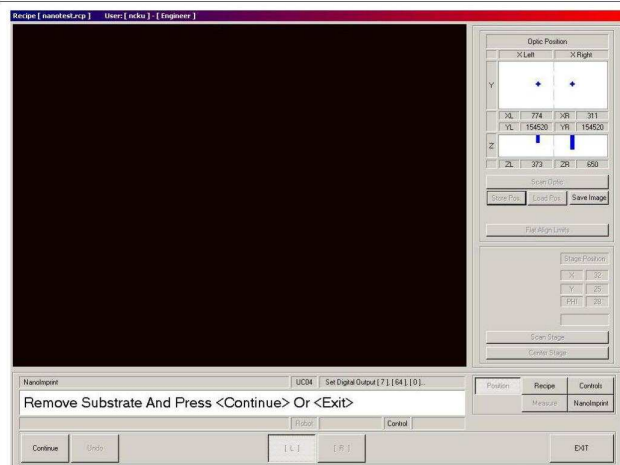
19.使用搖桿調整至最近的位置(for OM),再使用 XYZ 等旋鈕調整載台,ok 後按 countinue 上盤便會自動吸住模仁	20.移出 tray
	
21.除去 Loadframe	22.放入基材
	
23.放入基材	24.tray in
	

25.設定分開還是接觸(紅色代表分開)

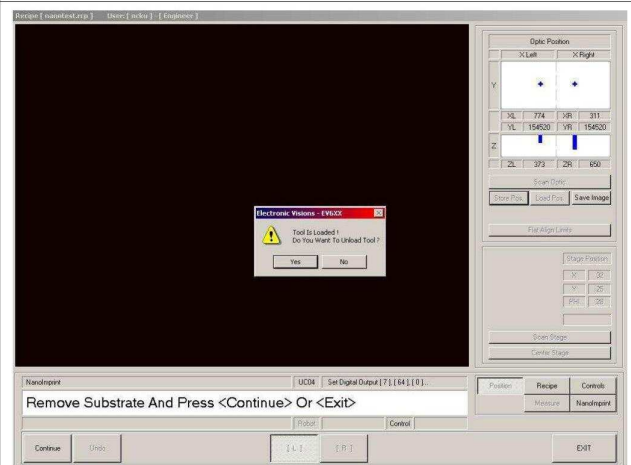


26.電腦會再讓 User 對準一次(模仁與基材),ok 後便會自動曝光,曝光完,會自行退出,即完成壓印曝光

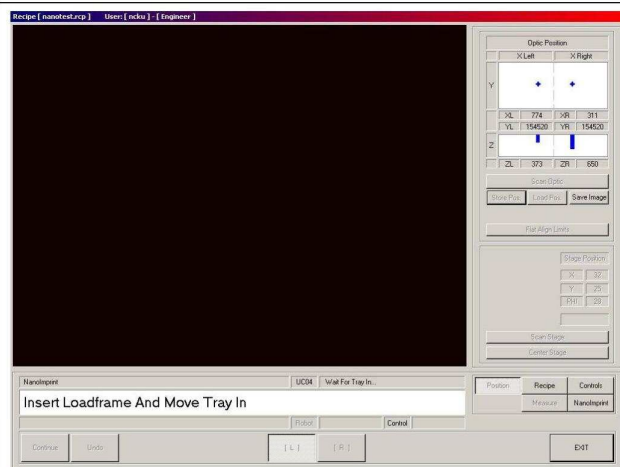
27.壓完後若要不換 Mold 繼續壓下一片請按 Continue, 若要結束或是換 Mold 請按 Exit



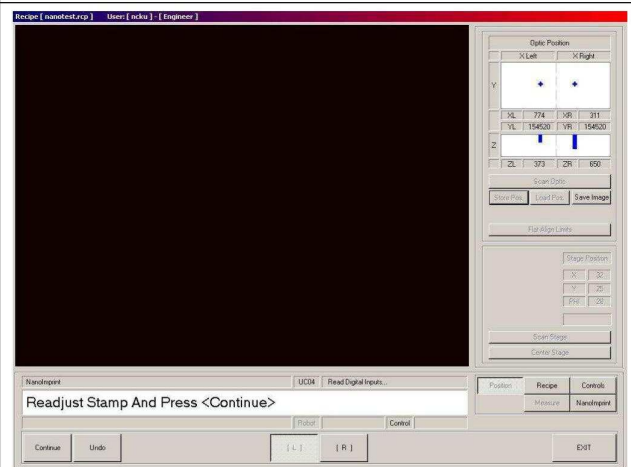
28.Unload



29.放入 Loadframe 以取出模仁

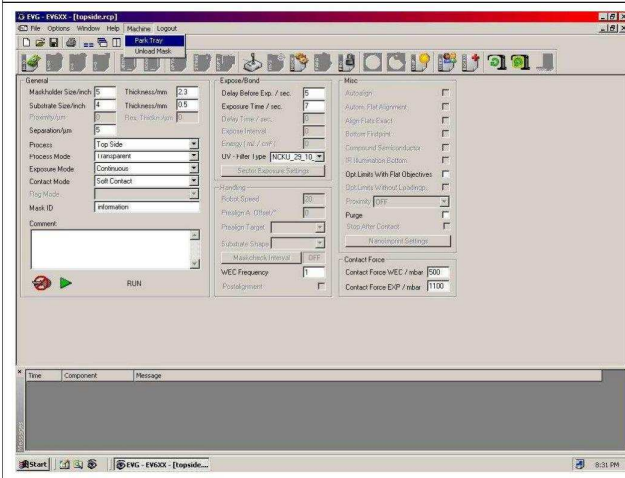


30.Undo

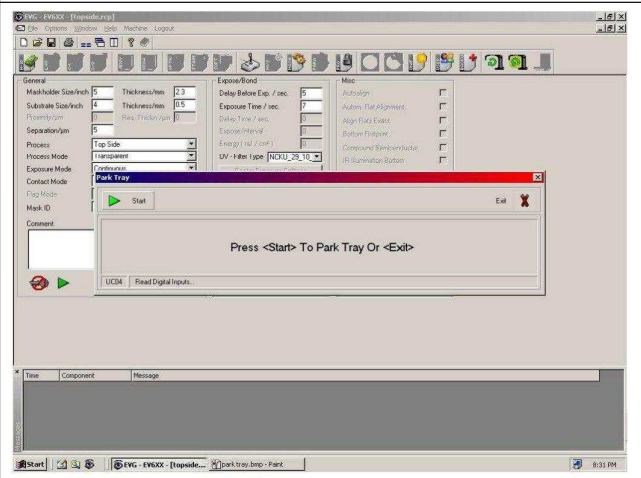


關機流程

31.退出軟體前,tray 要先歸位



32.確認執行



關機之正確步驟

- (1) 確定在 EVG620 之所有 Process 都已經完成。
- (2) 跳出 EVG620 之操作軟體；並關掉電腦上所有的視窗：之後關閉電腦主機與顯示器。
- (3) 將鑰匙開關 (Key-switch) 轉至 "OFF" 的位置。
- (4) 關掉紫外光燈：關掉紫外光機總電源(power)後，隨即再打開。
(為了維持紫外光機內風扇之運轉用以冷卻紫外光燈)非常重要！！
- (5) 待 10 分鐘以上，即可再度關上紫外光機之總電源(power)。
- (6) 關掉 EVG 620 之專用真空抽氣馬達。
- (7) 關閉 EVG 620 之氮氣 (N₂) 供應閥。
- (8) 用磁卡刷退 EVG 620 之刷卡機。

即完成關機動作。