

Talos checklists

Talos startup checklist		
<input type="checkbox"/>	Turn on the filament (will take 10 min)	TUI
<input type="checkbox"/>	Log into iLab Kiosk and "Start" session	support PC
<input type="checkbox"/>	Insert screen (handpanel R1)	TUI
<input type="checkbox"/>	Check vacuum readings (Setup tab -> Vacuum -> all green)	TUI
<input type="checkbox"/>	Check nitrogen level (Setup tab -> Vacuum -> above 10%)	TUI
<input type="checkbox"/>	Check that stage is at 0, 0, 0 (TUI info bar, bottom)	TUI
<input type="checkbox"/>	Check column valves are closed (Setup tab -> Vacuum -> Column Valve Closed) - yellow	TUI
<input type="checkbox"/>	Turn the Turbo on (Setup tab -> Vacuum -> Turbo pump) - optional - will turn yellow	TUI
<input type="checkbox"/>	Insert sample in RT or cryo holder	microscope
<input type="checkbox"/>	Turn the Turbo off (Setup tab -> Vacuum -> Turbo pump)	TUI
<input type="checkbox"/>	Insert the cryobox (optional)	TUI
<input type="checkbox"/>	Insert C2 = 70 (cryo), 100 (TEM) (Pop-up -> Aperatures)	TUI
<input type="checkbox"/>	IMAGE! -- TEM Imaging, Legimon, or SerialEM protocols	

Between samples	
<input type="checkbox"/>	Reset holder (Search tab)
<input type="checkbox"/>	Close column valves (Setup tab)
<input type="checkbox"/>	Switch sample

Talos shutdown	
<input type="checkbox"/>	Retract Ceta camera (Camera tab)
<input type="checkbox"/>	Retract cryobox (optional)
<input type="checkbox"/>	Reset holder (Search tab)
<input type="checkbox"/>	Close column valves (Setup tab)
<input type="checkbox"/>	Remove sample holder
<input type="checkbox"/>	Store your grid somewhere safe
<input type="checkbox"/>	Store sample holder in cabinet (two hands!)
<input type="checkbox"/>	If you're the last user** turn off filament
<input type="checkbox"/>	End session+ logout on iLab Kiosk (support PC)

Cryo holder shutdown	
<input type="checkbox"/>	Inset holder to pumping station
<input type="checkbox"/>	Connect vacuum line to back of holder
<input type="checkbox"/>	Connect controller to bottom of holder
<input type="checkbox"/>	V1 and V2 pointed upwards
<input type="checkbox"/>	Turn pump on with switch in back
<input type="checkbox"/>	Twist open valves on station and holder
<input type="checkbox"/>	Turn on controller
<input type="checkbox"/>	"Warm Up" if not using tomorrow
<input type="checkbox"/>	"Bake Out" if using tomorrow

** for the next 1hr (check on iLab before you log out)