

AVIV CD 開機步驟

1. 將液氮筒氣閥打開，左邊壓力表應為 20 spi，流量計指示於 15-20 SCFH，等待 20 分鐘 (purge system)
2. 啓動 CD 右下方之冷卻器(冷卻器控制面板又下方 ON/OFF)
3. 打開中間下方開關“**LAMP POWER & COOLING SYSTEM**”，右側“**CONTROL POWER ON**”亮起
4. 等待右側指示燈“**LAMP READY**”亮起，點暗紅色“**IGNITE LAMP**”，“**LAMP ON**”亮起表光源已啓動。
5. 打開中間下方開關“**CPU & INSTRUMENT**”，右側指示燈“**CPU/INST PWR ON**”亮起
6. 打開左下方 PC 電源開關，等 PC 開機。
7. 啓動 CDS 程式
8. 在 CDS 程式 Display → Data browser → 設定視窗下方“default data path “ → return

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AVIV CD 關機步驟

1. 儲存檔案並結束 CDS 程式
2. PC 關機
3. 將機器中間下方之開關“ CPU & INSTRUMENT“ 往下板
4. 將機器中間下方之開關“ LAMP POWER & COOLING SYSTEM “ 往下板
5. 關閉機器右側之冷卻器（冷卻器面板 ON/OFF）
6. 等待五分鐘，將液氮筒上氣閥關閉(順時鐘方向)

如遇停電，請將中間下方開關“ CPU & INSTRUMENT“ “ LAMP POWER & COOLING SYSTEM” 關閉

AVIV CD startup procedures

1. Open the valve on the liquid nitrogen dewar , check left pressure gauge indicate at 20 spi , the flow rate should be between 15-20 SCFH , waiting for 20 minutes to purge system.
2. startup the chiller at right side of the CD (ON/OFF button at chiller control panel)
3. Switch on the switch “ **LAMP POWER & COOLING SYSTEM** “ on POWER box , the LED “**CONTROL POWER ON**” will be on
4. wait until “**LAMP READY**” lit , press red button “ **IGNITE LAMP**” to ignite the lamp , “**LAMP ON**” lit indicate the light source was on .
5. Switch on the switch “ **CPU & INSTRUMENT**“ at POWER box , the LED “**CPU/INST PWR ON**” will on .
6. power on the PC at down left side
7. startup the CDS program
8. Display → Data browser → set “default data path “ at the bottom of the window -→ return

AVIV CD shutdown procedures

1. save your data and close CDS program
2. shutdown PC
3. Switch off the switch “ **CPU & INSTRUMENT** “ at **POWER** box
4. Switch off the switch “ **LAMP POWER & COOLING SYSTEM** “ on **POWER** box
5. shutdown the chiller at right side of the CD (**ON/OFF** button at chiller control panel)
6. waiting for 5 minutes and turn off(clockwise) the valve on liquid nitrogen tank

in case of power failure , please turn off both “ **CPU & INSTRUMENT** “ and “ **LAMP POWER & COOLING SYSTEM** “