




AU680 Daily Startup with Power Express

✓ Loading Pause at Cennexus

1. Select **Loading Pause**  button
2. Locate the desired AU680 from the *Label* column
3. Select **Pause** from the drop down menu in the *State* column. The **Loading Pause** button turns yellow

✓ Place AU680 in Standby

1. Wait for sample tubes queued in the AU680 DTS connection module to process and return to the main track
3. Select **Feeder Stop**  on the AU680. The analyzer mode transitions from *Measure 1* to *Measure 2* to *Standby*. The control panel generates an alarm when the analyzer mode is *Standby*
4. Select **Mute**  on the control panel to silence the alarm. The control panels displays "Waiting" when the analyzer is in *Standby*

✓ Set a New Index

1. Select **Home > Start Condition**
2. Select **Edit F1**
3. Select **New Index**
4. Select the **Group of Tests** for processing
5. (Optional) Enter an **Operator Name**
6. Select **Confirm F1**
7. Select **OK** to set the index

✓ Perform Analyzer Daily Maintenance

1. Inspect syringes for cracks, leaks, or condensation
2. Inspect wash solution roller pump tubing for cracks or leaks
3. Inspect the wash solution volume, replenish if needed
4. Inspect the stability of the upper cover
5. Inspect and clean the probes and mix bars
 - Confirm that probes are not bent or damaged
 - Wipe probes with 70% isopropyl alcohol if contaminants or crystallization observed
 - Confirm that mix bars are not bent, scratched, or chipped
 - Wipe mix bars with 70% isopropyl alcohol if contaminants or crystallization observed
6. Prime the probes and mix bars to confirm proper operation
 - Select **Home > Analyzer Maintenance**
 - Place a check mark in the **Analyzer Maintenance** box
 - Select **Prime Washing-line** maintenance option
 - Select **OK** to confirm selection
 - Press the **green TABLE ROTATION/DIAG** button to start the prime
 - Confirm each probe dispenses a thin straight stream of water and water flows in the wash wells
 - Confirm that the mix bars align correctly in the wash wells during rotation of mix bar components
 - Deselect the **Analyzer Maintenance** box when the priming cycle is complete
7. Replace the DI water in the pre-dilution bottle
8. Inspect the volumes of the sample probe wash solutions, replenish if needed (located by the sample probe in positions labeled **64. Det.-1** and **65. Det.-2**)
9. Inspect the volumes of the contamination parameter solutions, replenish if needed (located by the reagent probes in positions labeled **62. CLN-1**, **63. CLN-2**, **49. CLN-1**, and **50. CLN-2**)
10. Confirm the printer is on and there is enough paper

✓ Inspect the Analyzer Status

1. Select **Home > Analyzer Status**
2. Confirm that system components are within acceptable limits (blue)
3. Investigate any yellow or red conditions

✓ Perform a Reagent Check

1. Select **Home > Reagent Management > Details**. For each sample type processed in your lab:
 - Review the **Shots** column for tests remaining
 - Review the **Onboard Remaining** column for open bottle expiration
 - Review the **Expiration** column for lot expiration
2. Replace and/or add reagent bottles based on volume and expiration criteria for your lab
 - Lift and remove the reagent refrigerator covers
 - Remove required reagent bottles
 - Place new reagents bottles into available positions and secure with partitions and adapters as needed
 - Place non bar coded reagents bottles into fixed positions assigned in the **Details** tab
 - Replace the reagent refrigerator covers
3. Perform a reagent check
 - Select **Reagent Check F5**
 - Select **Check All Positions**
 - Select **Start**
4. View the **Main** and **Details** tabs to confirm status of onboard reagents meet the daily requirements for your lab

Continue on the reverse side

AU680 Daily Startup with Power Express, continued

✓ ISE Startup (for labs with ISE Module)

1. Inspect the ISE reagents, and replace if needed
 - Confirm reagents are within 90-day onboard stability limit and volume meets the daily requirements for your lab
 - If ISE MID Standard or ISE Reference Solution is replaced perform a **MID/REF Prime**
 - If ISE Buffer Solution is replaced perform a **Buffer Prime**
2. Perform the ISE Clean
 - Place a Hitachi cup with 1 mL of ISE Cleaning Solution in the **CLEAN** position of the STAT table
 - Select **Home > Analyzer Maintenance > ISE Maintenance**
 - Select **Cleaning F5**
 - Select **OK** to begin the clean. When cleaning is complete, remove and discard the Hitachi cup
3. Perform a Total Prime
 - Select **Home > Analyzer Maintenance > ISE Maintenance**
 - Place a check mark in the **ISE Maintenance** box
 - Select **Total Prime** maintenance option
 - Select **OK** to confirm selection
 - Press the **green TABLE ROTATION/DIAG** button to start the prime
 - Deselect the **ISE Maintenance** box when the priming is complete
4. Perform an ISE Calibration
 - Place Hitachi cups filled with approximately 500 µL of the required ISE Serum and/or Urine Standards into the **S-L, S-H, U-L, and U-H** positions of the STAT table
 - Select **Calibration** tab from ISE Maintenance
 - Select **Serum Start, Urine Start, or Serum/Urine Start**
 - Select **OK** to begin the ISE calibration. When the calibration is complete, confirm the results are within the Slope and MID Factor ranges for serum and/or urine. Remove and discard the Hitachi cups




✓ Perform Analyzer Calibration and Quality Control

1. Order calibration
 - Select **Home > STAT Status > Calibration**
 - Select **Auto Cal/QC Requisition F3** to order RB/CAL that meet auto calibration criteria. Select the sample type from the **Type** drop down menu to review the order for each sample type processed in your lab
2. Order QC
 - Select **Home > STAT Status > QC**
 - Select the sample type from the **Type** drop down
 - Select **Start Entry F1** to enable manual ordering. Select the desired tests for QC. Select **Entry F1** to save the order. Repeat for each sample type processed in your lab
3. Prepare and process calibrators and controls on the STAT table
 - Select **Display Cup Set F5** from the STAT Requisition: QC screen to display the required calibrators and controls
 - Place reagent blank (DI water) in the **RB1** position on the STAT table
 - Load the calibrators and controls in the outer positions of the STAT table with bar codes facing out
 - Select **Close** to close the CAL/QC position dialog
 - Select **STAT Status**
 - Select **STAT Start F1**. The system displays the STAT Start dialog. Select **Start** to process the calibrators and controls

✓ Review RB/CAL/QC Results

1. Review the reagent blank, calibration, and QC reports for flags. Take appropriate actions based on flags
2. Review the Calibration Monitor to confirm reagent blank and calibration results meet lab requirements (**Menu List > Calibration > Calibration Monitor > select Reagent Blank or Calibration** column for desired test)
3. Review the QC Monitor to confirm QC results meet lab requirements (**Menu List > QC > QC Monitor**)

✓ Resume Sample Processing from Power Express

1. At the AU680, select **Start**  to transition the analyzer from *Standby* to *Measure 1*
2. At the AU680 DTS connection module control panel, select **Restart** 
3. At Cennexus, select **Loading Pause**  and select **Run** from the drop down menu for the desired AU680. The Power Express resumes routing of sample tubes to the analyzer