

ATEC® Sapphire Breast Biopsy System

User Reference Guide

Suction Canister Set Up



Locate both the canister and red lid.



Make sure the canister lid is tightly sealed and the large cap is snapped onto the proper opening.



The canister and lid assembly fits into the holder on top of the console. Connect the blue fitting of the Vacuum Line Assembly to the "VACUUM" port located on top of the canister lid.



Make sure the blue fitting is seated against the canister lid.

Set Up and Test



Place the handpiece tray into the top of the console and unfold the blue wrap.



Locate the 4 connection lines at the end of the handpiece tubing.



Connect the handpiece vacuum line to the "PATIENT" port of the canister lid.



Spike the saline bag and gently squeeze saline to ensure unobstructed flow. (Saline can be viewed in the clear section of tubing on the saline line.)



Hang the saline bag on the hook located on the side of the console above the Footswitch Cord Management Plate.



Insert clear section of saline tubing into Saline PV (pinch valve).



Connect the black handpiece line to the black handpiece receptacle located on the user interface.



For ultrasound or stereotactic-guided biopsy, connect the red handpiece line to the red receptacle marked US/STX.



For MRI-guided breast biopsy, connect the red handpiece line to the red receptacle marked MRI.



Power the system on.




Upon system initialization, the console defaults to "BIOPSY."





Choose "SET UP" and the "VACUUM READY" light will illuminate solid green when adequate vacuum is achieved. (At this time, verify the presence of saline in the tissue filter and needle aperture.)

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Choose “TEST”  and the system will run through one biopsy cutting cycle as a functional diagnostic test of the needle.




Once the “TEST”  cycle is complete, the console will automatically return to “BIOPSY”  and is ready to begin acquiring tissue samples. (Biopsy is initiated by depressing the Footswitch.)

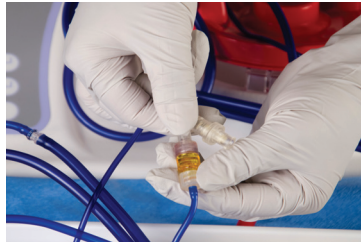
Symbols Legend



Setup		Manual Aspiration	
Test		Vacuum/Vacuum ready	
Biopsy		Retest Handpiece	
Lavage		Return to Setup	
Patient			

Use



Once the biopsy is complete, select “LAVAGE”  and saline will be introduced and aspirated to lavage the biopsy cavity.



To aspirate and collapse the biopsy cavity post-biopsy; in “LAVAGE”  mode simply disconnect the Gold luer-lock on the Y-valve OR select “MANUAL ASPIRATION”  mode and depress the footswitch.

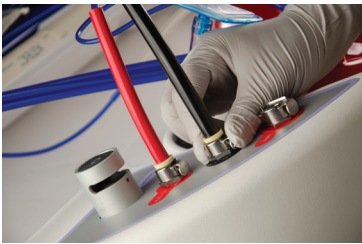


Remove the tissue specimen from the tissue filter and prepare for pathology.



Finally, remove the handpiece from the patient/breast.

Clean Up and Disposal



Once the procedure is complete, power off the console and disconnect the red and black handpiece lines.

Remove the silicone tubing section of the handpiece saline line and the vacuum tubing from the canister lid.

Remove the saline bag from the hook.



Disconnect the Vacuum Line Assembly from the canister lid and seal all ports.



Dispose of all consumables per your facility's protocol. Consumables include:



- Handpiece and tubing
- Saline bag
- Suction canister and lid
- Stereotactic needle guide

WIPE TOP OF CONSOLE WITH DISINFECTANT


Troubleshooting

If system fails to power up, check to ensure that both ends of the power cord are connected first to the console and then into the wall outlet. Next, check the circuit breaker on the console.

If “RETEST Handpiece”  illuminates, check the needle sheath cover to ensure that it fully covers the needle and is flush with the needle hub, then press “TEST”  again.

In “SET UP”  mode, if the “VACUUM READY”  light is flashing, indicating an air leak is present, systematically close off openings from the console to the handpiece to determine the source of the vacuum leak.

In “TEST”  mode, if “RETURN TO SET UP”  light illuminates, go back to “SET UP”  and ensure that the “VACUUM READY”  light is illuminated solid green. If illuminated, press “TEST”  again.

If “RETEST Handpiece”  persists, replace the handpiece and return the failed handpiece to Hologic for evaluation. Hologic Customer Support can assist you with product return procedures. If the second handpiece fails, return both handpieces for evaluation and call Hologic Customer Support immediately.

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