

Humidity Generation and Calibration Equipment

THUNDER SCIENTIFIC®
CORPORATION THE HUMIDITY SOURCE

Model 2900

Chamber Fluid Filling Procedure



Tech Support Document TSD-0325
Revision Date: June 10, 2025

623 WYOMING BLVD. SE



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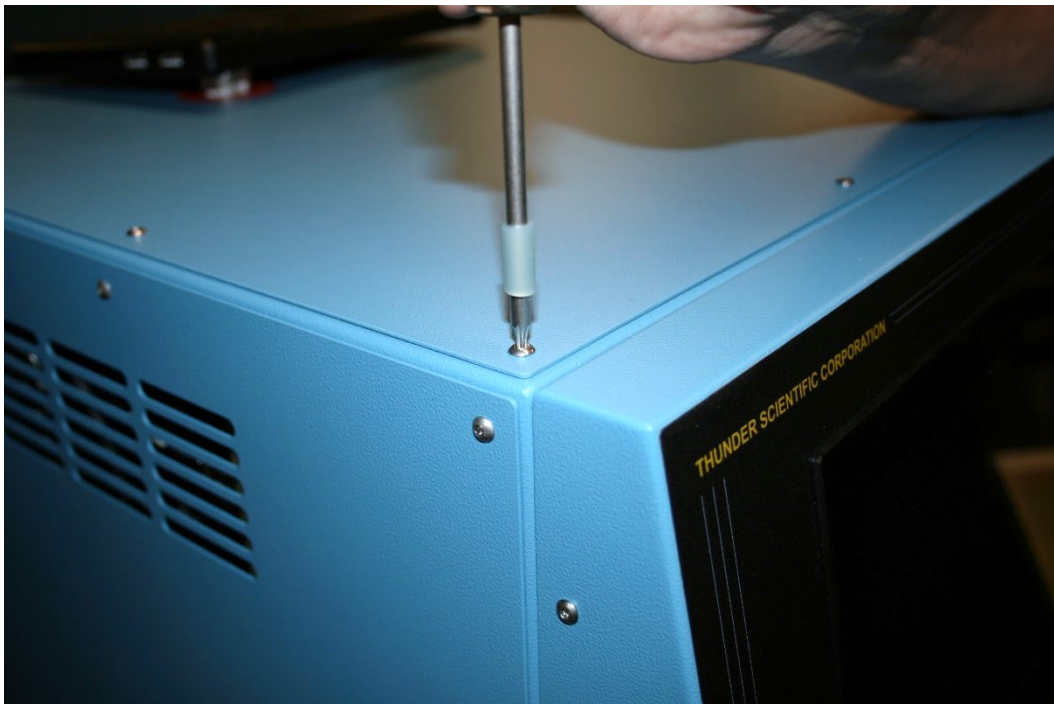
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2900 Chamber Fluid Filling Procedure

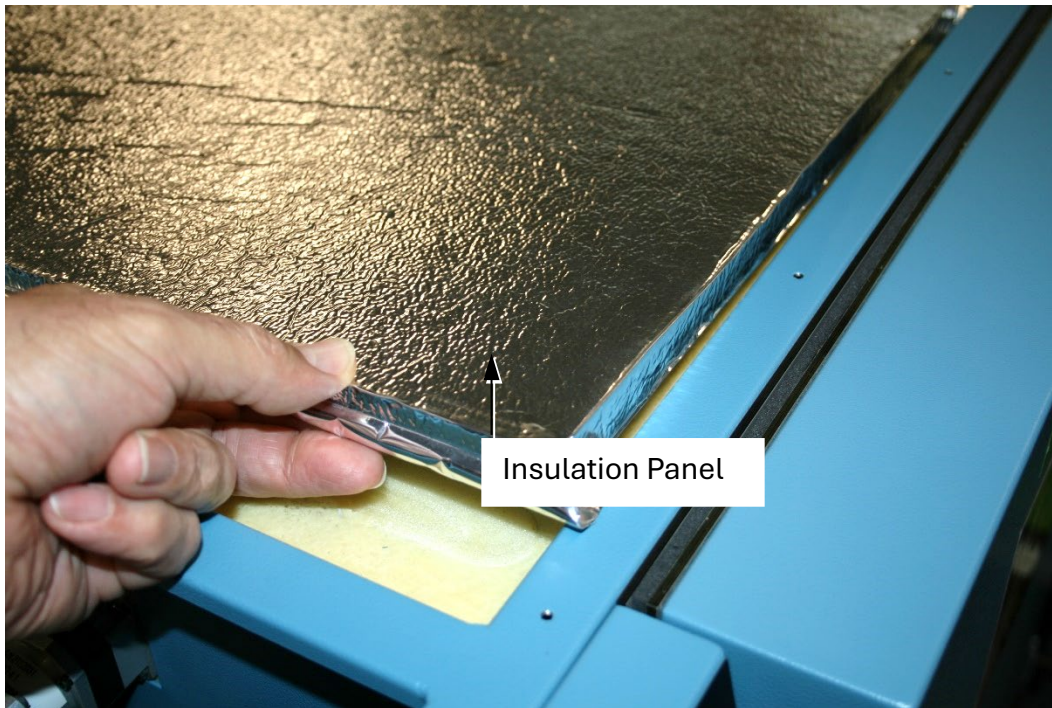
1. Make sure the main power switch is in the off position of the 2900 generator.



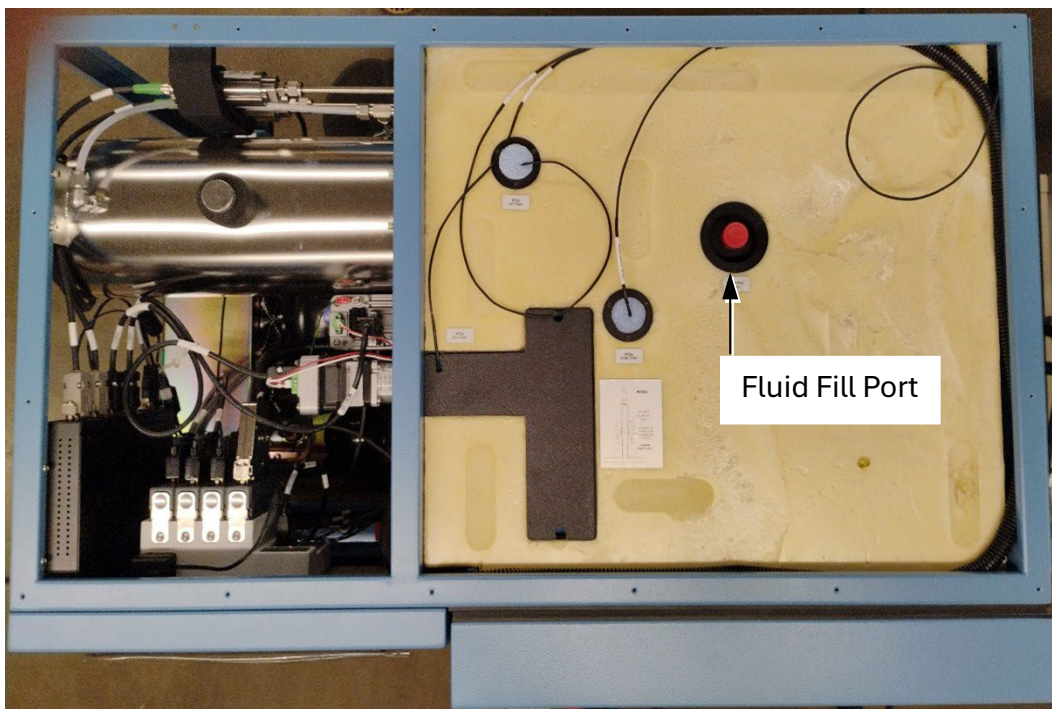
2. Remove the top console panel using the #10 Torx driver provided and save the screws to replace them.



3. Remove the "Silver" insulation panel and save for later installation.



4. Locate Fluid Fill Port.



5. Remove the "Red" fill port cap.



6. Insert the Chamber Fill Funnel into the Fluid Fill Port.



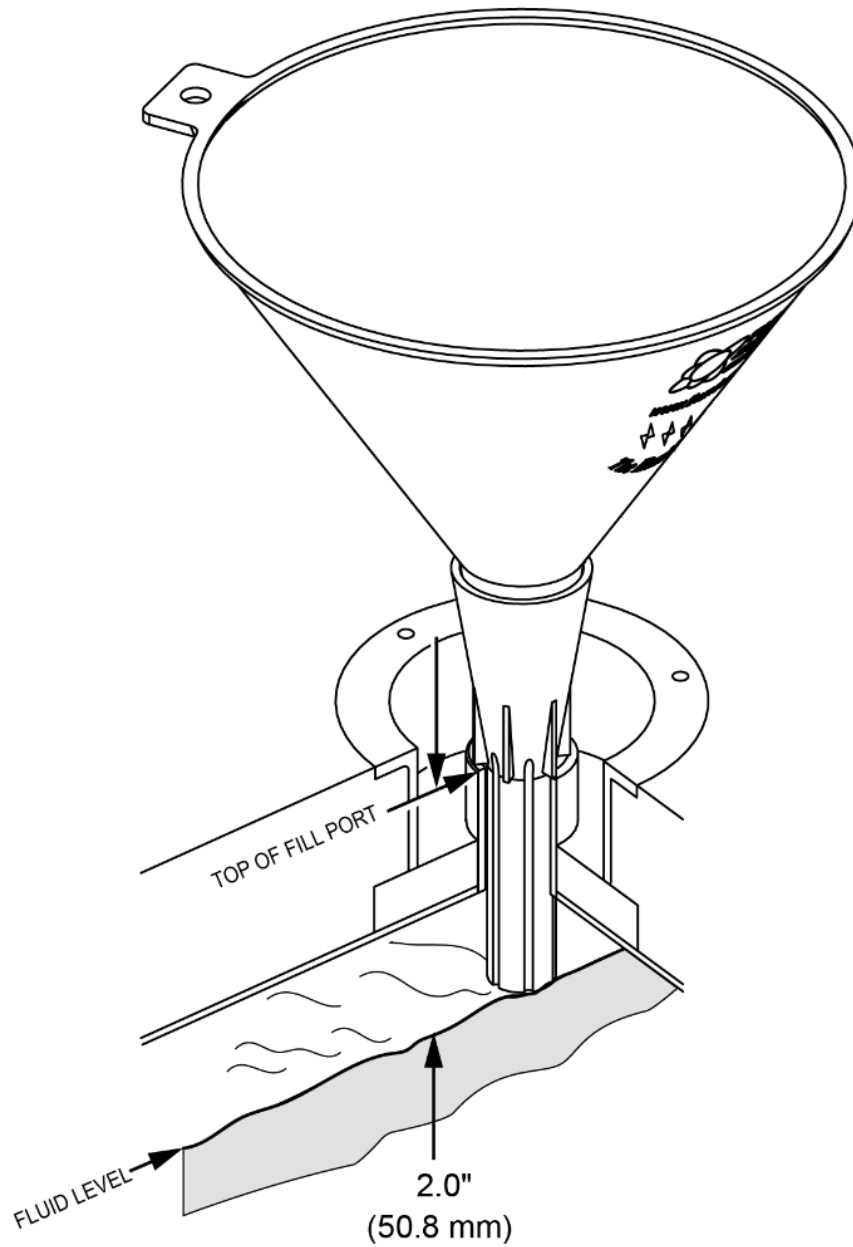
7. Add 2 gallons of Inhibited Propylene Glycol provided with model 2900.



8. Then continue to fill the remainder with water until the level is approximately 2" below the top of the fill port. See Chamber Cut-A-Way on next page.

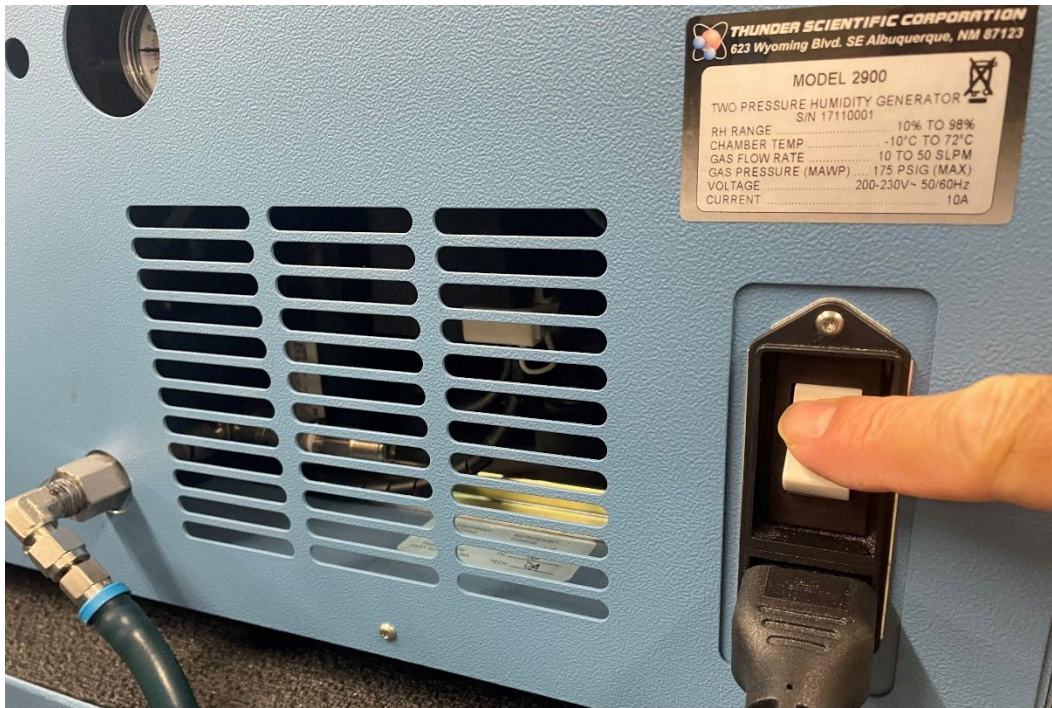


9. Add approximately 1 to 1.5 gallons of water, until the water level is within the 2" level from the top of the fill port.

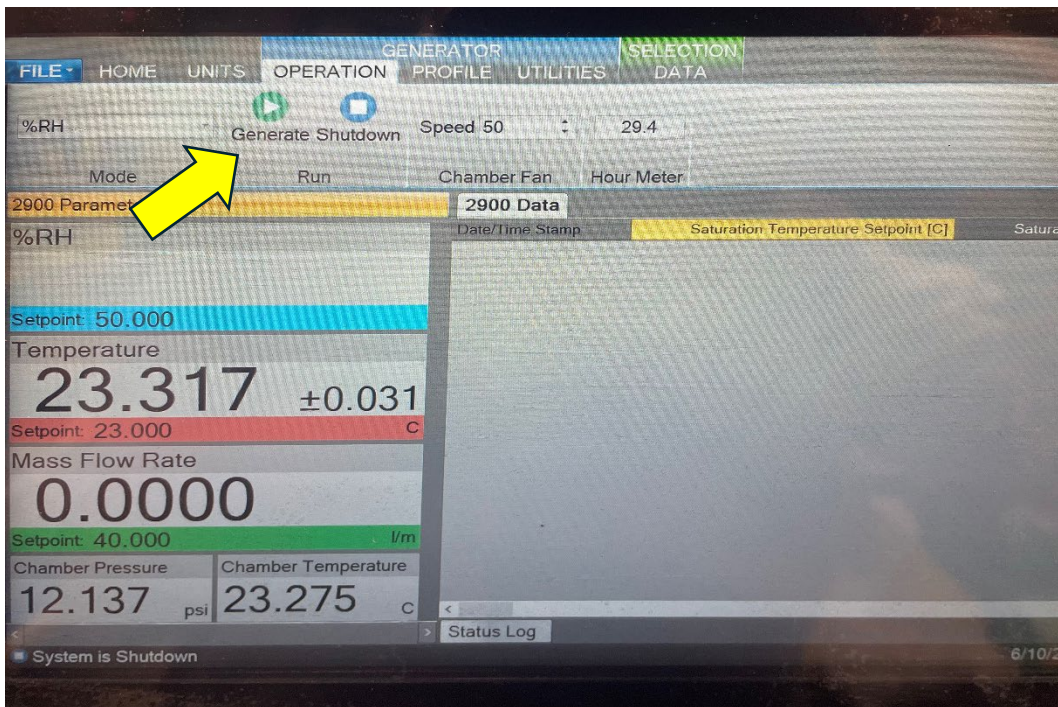


Chamber Funnel Cut-A-Way

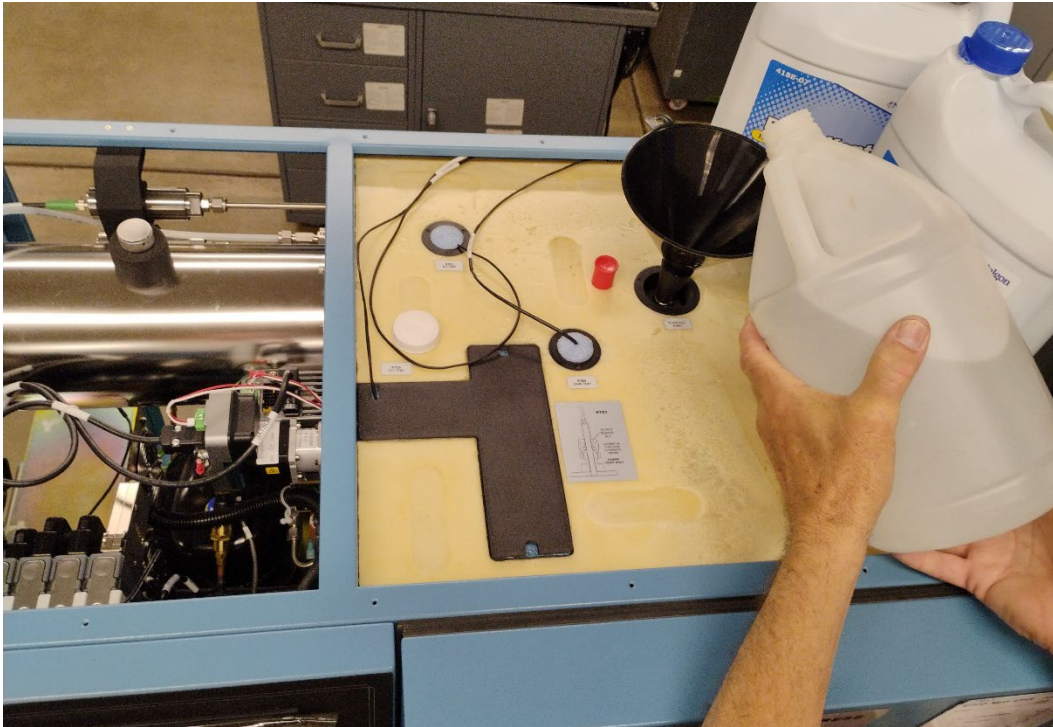
10. Turn on the main power switch.



11. Once the system has fully booted up, on the main screen, push the Generate Arrow and let the system run for 10 minutes.



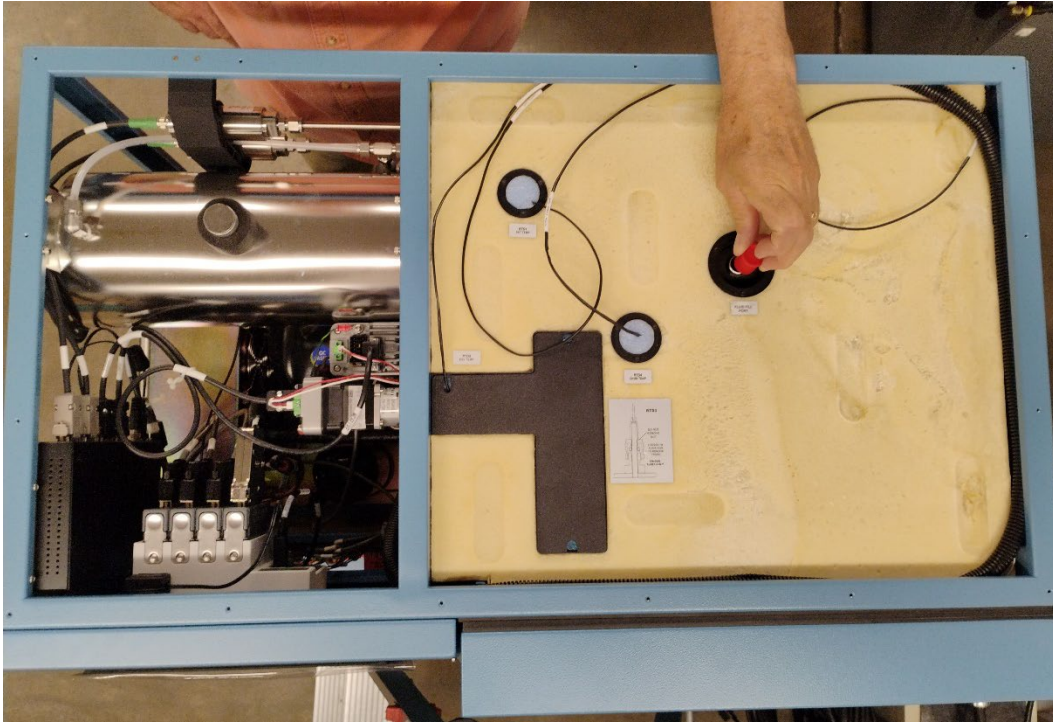
12. After 10 minutes of running push Shutdown to stop the generator and then recheck the chamber fluid level and top off with water if low.



13. Remove the funnel.



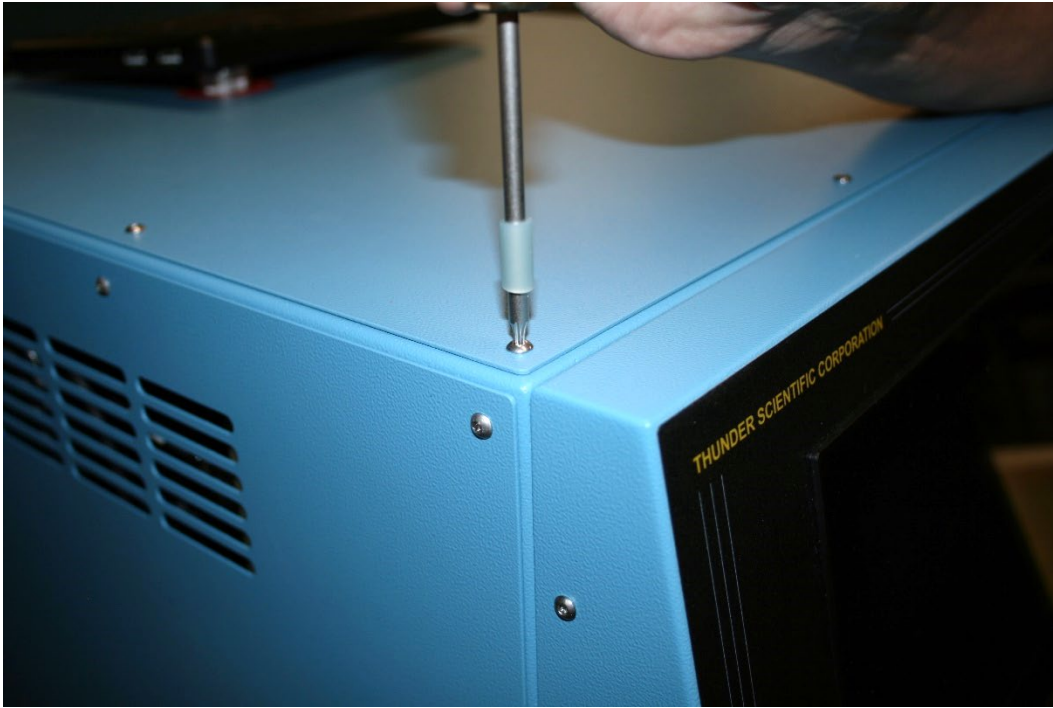
14. Replace the “Red” fill port cap.



15. Then replace the “Silver” insulation panel.



16. Install the top console panel and tighten the Torx screws that were removed from the previous steps.



17. This operation is complete, start using the generator.

Please Call 1-800-872-7728, or E-mail support@thunderscientific.com should you have any questions.