

Humidity Generation and Calibration Equipment

THUNDER SCIENTIFIC
CORPORATION THE HUMIDITY SOURCE

Model 2500

Test Chamber Fluid Filling Procedure



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623 WYOMING BLVD. SE



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2500 Test Chamber Fluid Filling Procedure

1. Make sure the power to the 2500 system is off.



2. Make sure any air to the system is off.



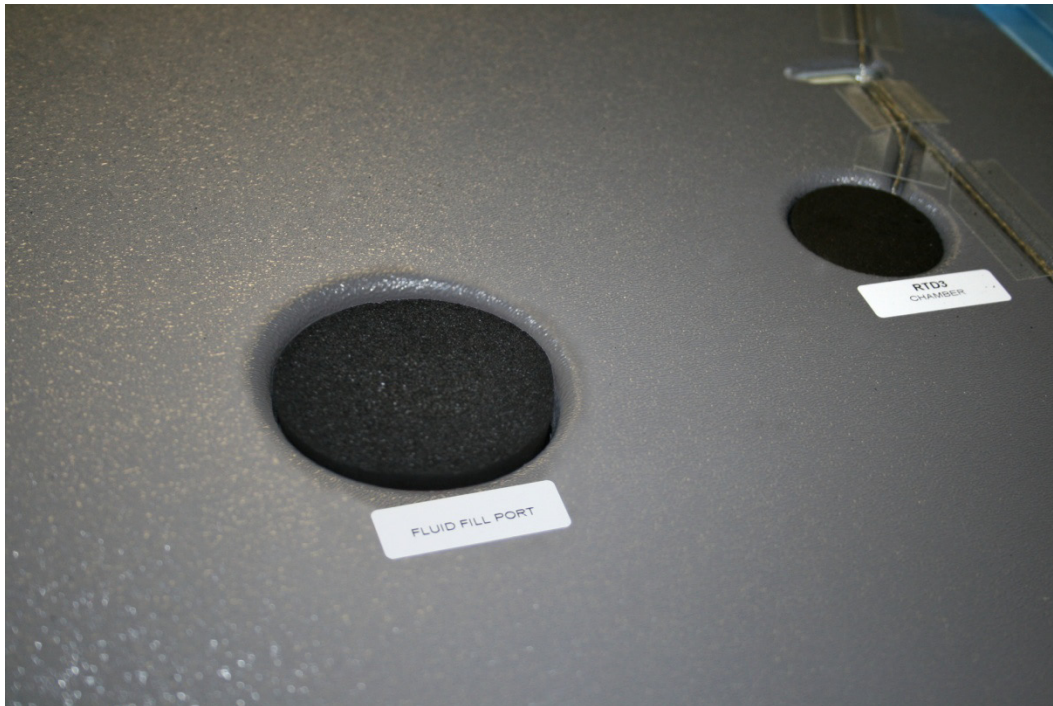
3. Remove the top right hand panel, over the chamber, using the Torx screwdriver provided.



4. Lift off the chamber top panel.



5. Locate the chamber fluid fill port.



6. Remove the fluid fill port insulation plug.



7. Remove the "Red" Plastic fill port plug cap.



8. Use a funnel that will fit into a 5/8" (15.9mm) diameter opening.



- Using 3 U.S. gallons of $-100\text{ }^{\circ}\text{C}$ propylene glycol fluid (4 U.S. gallons for 2500ST models), fill until unit level is approximately $1/4''$ (6.35mm) below the bottom of the fill port.



- Turn on the power switch.



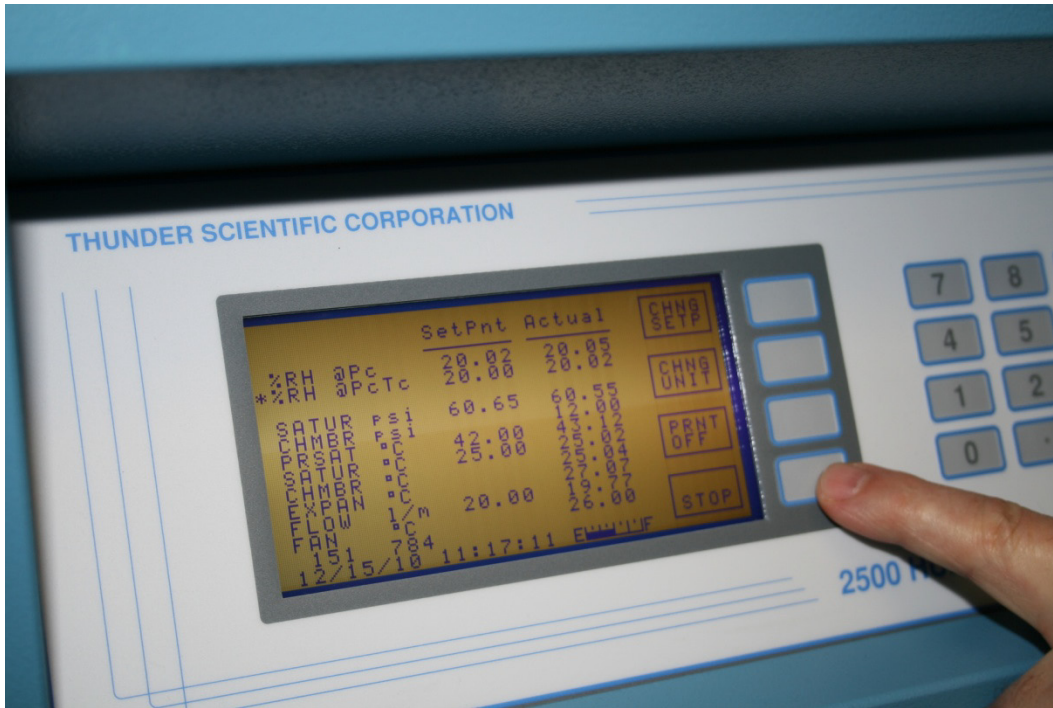
11. Turn on the air and open the air tank valve.



12. Press the RUN button on the front panel and let the system run for approximately 5-10 minutes.



13. After the system has run push the STOP button.



14. Remove the funnel and check the fluid level and see if it's at 1/4" below the fill port, top off the fluid if necessary.



15. Replace the "RED" plastic fill port plug cap.



16. Insert the fluid fill port insulation plug.



17. Replace the top right hand panel making sure the textured side is up.



18. Replace the screws using your Torx screwdriver. Chamber fluid filling is now complete.



Please Call 1-800-872-7728, Fax 1-505-266-6203, or E-mail support@thunderscientific.com should you have any questions.