

Humidity Generation and Calibration Equipment

THUNDER SCIENTIFIC®

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EHC-10

External Humidity Calibration Fixture Installation for the Model 1200



Tech Support Document TSD-0257
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623 WYOMING BLVD. SE



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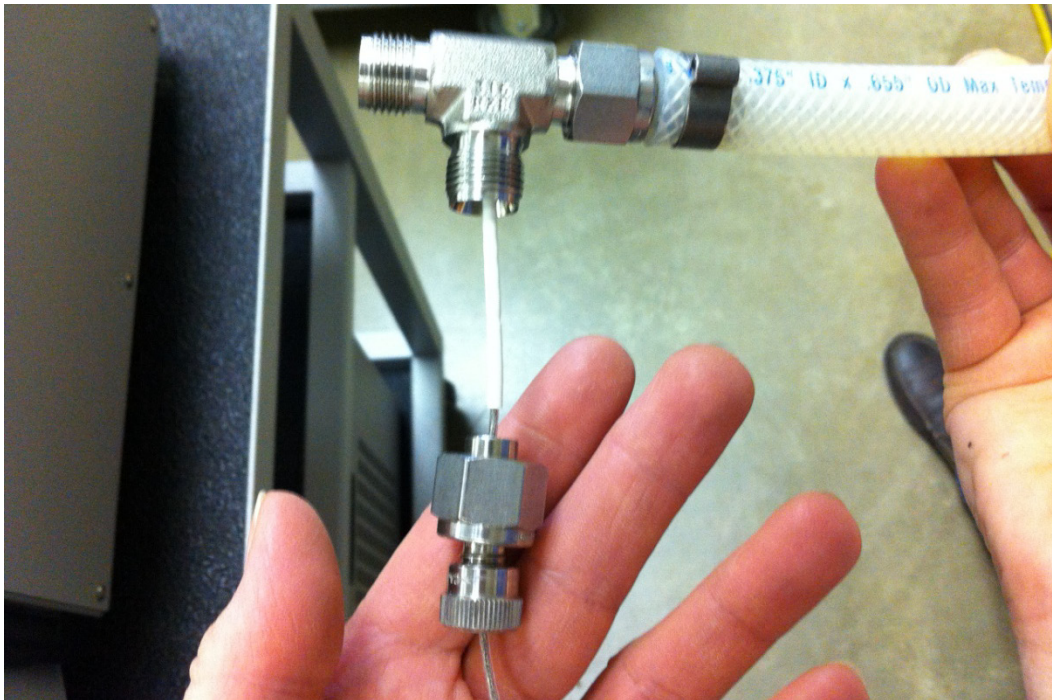
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External Humidity Calibration Fixture Installation

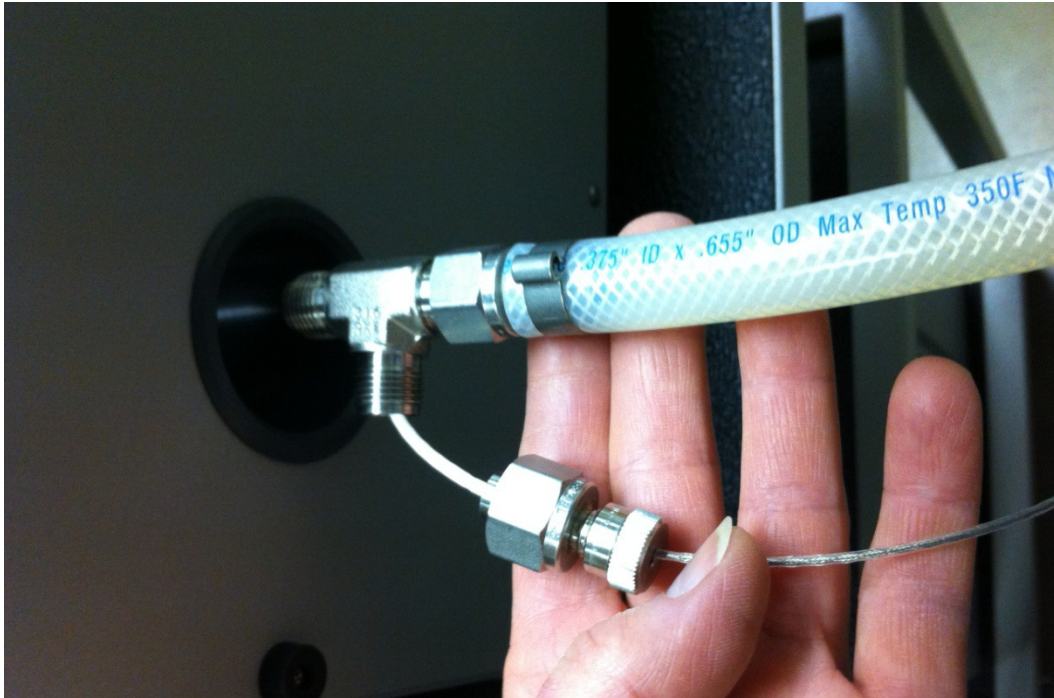
1. Unplug normal Chamber Temperature RTD.



2. Loosen knurled wire compression fitting. Using an 11/16" wrench decouple the wire compression fitting from the tee.



3. Insert assembly into access port as shown.



4. Make sure not to crimp the wires of the probe.



5. Connect the tee assembly to the fitting on 1200's inlet port. Reassemble the wire compression fitting to the tee assembly and tighten the knurled wire compression fitting just enough to keep the wire from sliding in the fitting. Align the red dots on connectors and push together.



6. Completed assembly.



7. Remote calibration assembly, shown clamped to a humidity probe.



Calibration coefficient installation for remote RTD

- 1) Refer to Section 4, paragraph 4.2.5. *Viewing the Current Calibration Coefficients* and paragraph 4.2.6 *Editing Calibration Coefficients* and review the editing procedure.
- 2) Power-up the 1200 and bring up the Calibration Coefficients window corresponding to the Chamber Temperature.
- 3) Refer to page 5 of the 1200's calibration report and install the temperature calibration coefficients exactly as shown for the remote RTD.
- 4) Close the *Editing Calibration Coefficients* window.