## Service Procedure # **009** 07/29/2014

## **Thermistor Probe Replacement** HCl/HClI



1. Remove the Cabinet Back. (remove the six screws)



3. Remove the Heater Cover from the front of the instrument.

Note: Before working on the instrument, always turn it off and unplug it from the power outlet.



2. Remove the two Heater Cover screws from the inside of the cabinet.



4. Remove the two Electrical Cabinet screws. Open cabinet by pulling forward.

Service Procedure # **010** 07/29/2014

## **Thermistor Probe Replacement** HCl/HClI

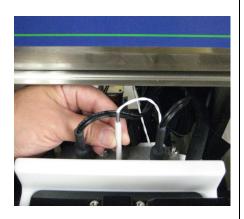


 Remove the Red #13 and White # 14 Wires from the Din Rail. Note: Remove the wire ties

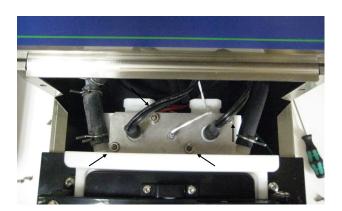
as necessary.



6. Loosen up the cabinet Bulk Head Fitting and remove the Thermistor Probe Wire. Bulk Head Fitting



7. To remove the Thermistor Probe, pull up on the glass housing. Note: If the Probe does not pull out, refer to Step A and B (below).



Step A. Remove the four nuts that secure the Heater Clamp to the Vessel. Lift the clamp and Teflon top straight up until the Heaters and the Thermistor are exposed.



Step B. Clean any deposits off the Glass Probe and push the Thermistor up out of the Clamp. Fasten the Clamp back on top of the Vessel. Secure it with the four nuts that were removed.

Service Procedure # **010** 07/29/2014

## **Thermistor Probe Replacement** HCl/HClI

8. Install the new Thermistor Probe in the Vessel.

- 9. Wire the new Thermistor Probe back in the Electrical Cabinet in the same position as the old one.
- 10. Install the new wire ties where the old ones were removed.
- 11. Secure the Electrical Cabinet, the Heater Cover and the Cabinet Back in place with the screws that were removed.