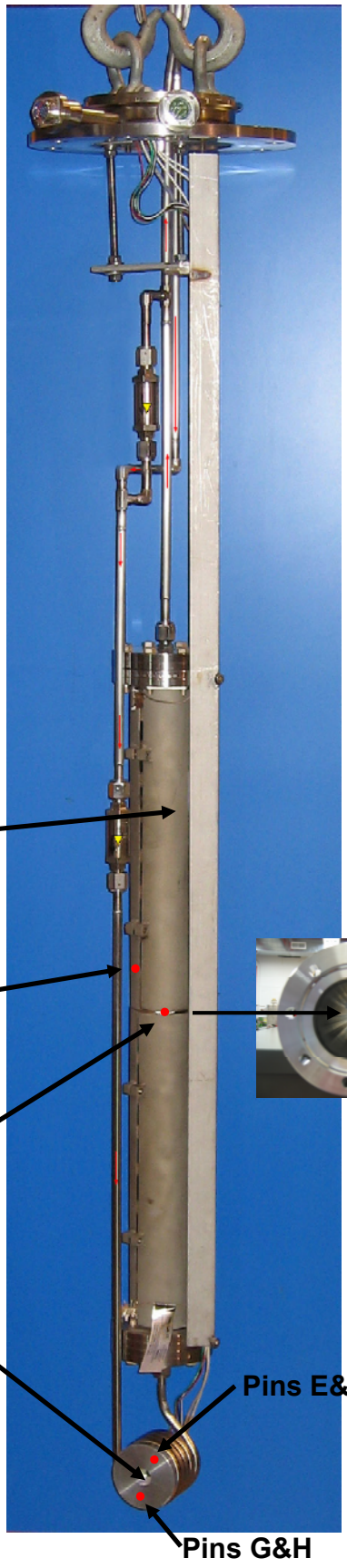
Terry Tope – 2/15/06

Filter Temperature Sensor Locations and Feed Thru Pins *after* 3 RTDs failed.

RTD is a 100 ohm platinum resistor with a 0.00385 Ω/°C temperature coefficient.

Thermocouples are Type K. Thermocouple wire goes from the sensor to a vacuum feed thru. The vacuum feed thru introduces some error because its pins are a different metal from that of the thermocouple wire. Another piece of thermocouple wire runs from the feed thru connector to the temperature controller.

Filter volume is 1.72 liters.

Note: Check valves are no longer in the system.