

Filling the Model 615 with a High Pressure Regulator
PMS Instrument Company – www.pmsinstrument.com

1. Connect the “Nitrogen Connection” of the Regulator to the Supply Tank.. Tighten with a suitable wrench.
2. Disconnect the Model 615 Tank Hose connection. Connect the Filling Hose to the Quick Connect at the end of the braided steel hose from the Model 615 Tank.
3. Be sure the Portable Tank Valve is closed.
4. Open the Supply Tank Valve slowly. The amount of pressure inside this tank will now register on the “Supply Side Gauge”.
5. Screw the “Regulator Control” clock-wise until the “Delivery Side Gauge” registers about 153 Bar.
6. Open the “Model 615 Tank Valve” barely enough to hear the pressure begin to enter. As this noise subsides, open it a little bit more. Take about 2-5 minutes to continue this process until the pressure has completely equalized.
7. Close the “Model 615 Tank Valve”.
8. Close the “Supply Tank Valve”.
9. Screw the “Regulator Control” counter-clockwise until all the pressure is released from the hose. Now disconnect the “Quick Connect” at the end of the steel braided hose on the Model 615 Tank..
10. Using the wrench, loosen the nitrogen connection slowly to release pressure.
11. Connect the “Model 615 Braided Steel Hose” to the Tank Hose Connection. The instrument is now ready for use.
12. Refer to operating manual for instruction on use of the Model 615 Pressure Chamber.

