

This procedure only applies if there is already liquid He in the Moeller.

To fill the Moeller magnet you must have pressure in the Moeller dewar. It is no longer necessary to call Cryo to build pressure in the dewar.

Open the U-tube valve; this will initiate flow from the dewar to the magnet.

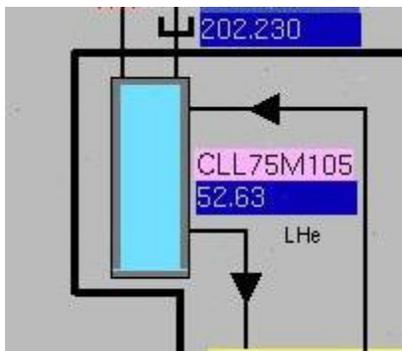
Use the dewar return valve (the yellow handle valve) to increase/decrease pressure in the dewar. Closing the valve will increase the pressure, opening the valve will decrease the pressure.

If the dewar JT valve is closed the pressure will remain relatively low (about 3 pounds with the return valve closed). Dewar pressure should not exceed 8 pounds. If the JT valve is open the pressure can exceed this pressure limit, so closely monitor the dewar pressure gauge. The dewar pressure is located on the top of the dewar can.

The JT valve position can be seen on the Moeller GUI in the **Cur Pos** block (see below).



The Moeller magnet is full when it has reached 70% liquid level. This can be monitored on the Moeller Cryo Gui (see below).



When the magnet is full, **ENSURE THE DEWAR RETURN VALVES ARE OPEN**. Close the U-tube valve.

NOTE: Filling the Moeller with the JT valve closed will take about 25 minutes; you should see the pressure increase in the dewar about five minutes after closing the return valve.