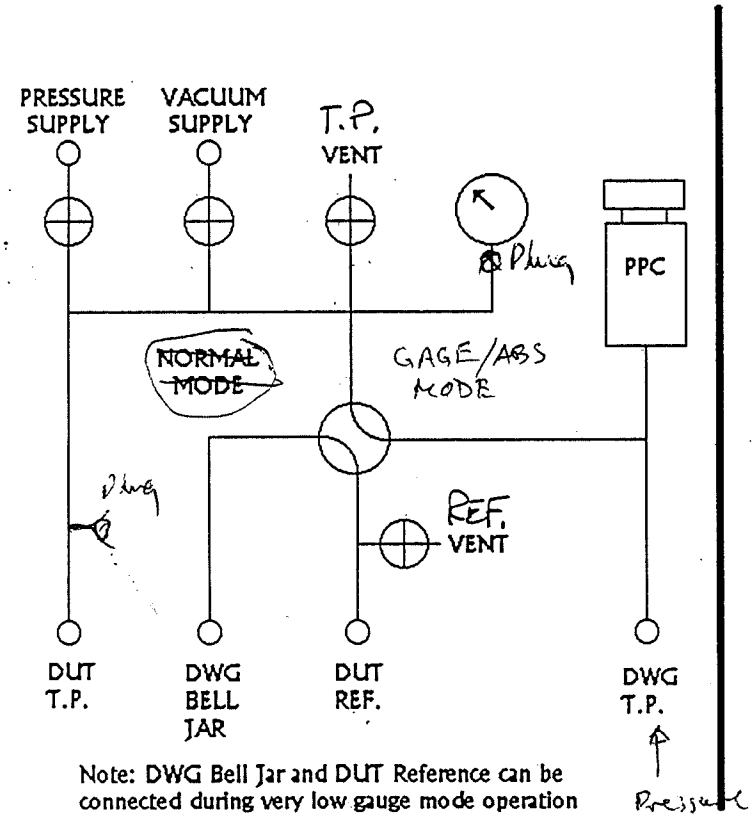
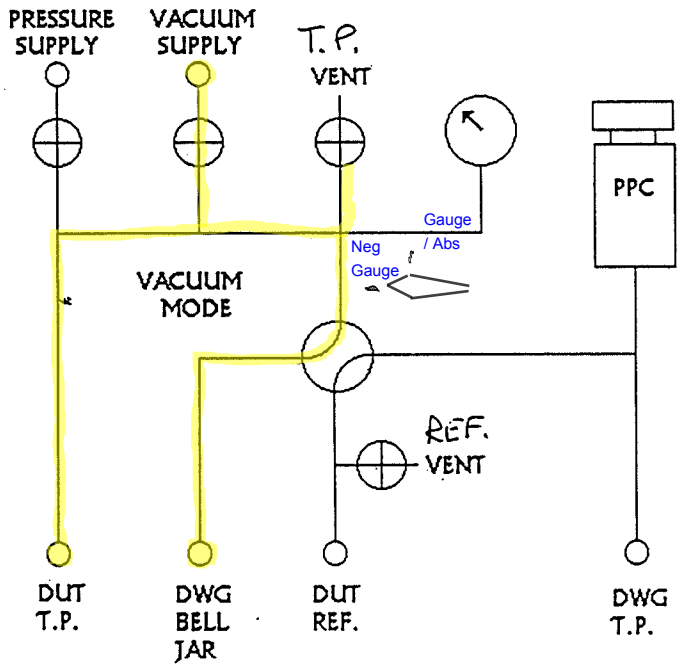
- VACUUM SUPPLY valve = OPEN --> draws down DUT pressure
- VENT valve = OPEN --> vents bell jar / DUT to Atms.



Note: DWG Bell Jar and DUT Reference can be connected during very low gauge mode operation to reduce environmental influence. Vent valve on DUT REF. port replaces ball valve on 2465 base.



SEQUENCE:

- Isolate the KF16 Ref Vacuum (or cap it off)
- REF VENT = Open
- Load the mass (as per C4P)
- Adjust the VAC SUPPLY valve to float the P/C
  (this lowers the bell jar & DUT pressure)
- close the REF VENT valve (isolates the Ref Port from the volume of 'the world')
  (not critical for small dPs, but becomes more critical as the dP becomes larger)
- use VERNIER to fine adjust float position

- Ref Vac pump is not used. Bell jar vac / pressure supplied by the utility pump.
- Buoyancy correction calculated from estimated dP under the bell jar.
- Recommended to have isolation valves on back side of DUT to hold pressure between mass changes. Additionally, a higher resolution sensor should be installed downline near the 2465 to know when equal pressure has been reestablished -- a method of minimizing DUT hysteresis.
- C4P won't accept negative pressure targets when running a gauge mode test. must initialize the test as Negative Gauge mode.