

WBS Gas Transfer Assembly

Functional Req.

Move XX cc's of "Gas" @ 1 ATM

? Transfer Time in minutes (Gas velocity)

Compress XX cc's of "Gas" To 100 ATM

Port To Laser Raman Cell

No Thermal Control

manually operated valves To Isolate pressure side,
suction side, bleed (Drain), Vacuum Port.

Purchase Hydraulic Cylinder	2 d
Purchase Ball screw Acme Screw	2 d
Purchase Thrust Bearing	2 d
Fab End Fitting (Drive)	4 d
Fab Ball screw Frame	4 d
Fab Thrust Bearing Holder	4 d
Assembly Dwg	4 d

22 days