

Warning

Never touch valves 7 and 1. This will result in KrF premix flowing into the room.

Evacuate laser tube

1. Open He tank and line to the laser. 2 Open, 3, Open, R 01 to 5 bar, 11 open.
2. On laser control press PURGE → PURGE RESERVOIR → EXECUTE. Pressure will go down to 30 mbar and up to 1 atm with He.
3. Close 11.
4. Flip lockout/tagout switch.
5. Set N₂ tank to 80 psi.
6. Set Purge Control to 10.
7. Open KrF tank.
8. Press F2. Open MV 06. Turn R 02 to 50 psi.

Clean Lines & Fill

1. Open MV 09 for a second.
2. On control panel, FLUSH LINE → BUFFER → ENTER → EXECUTE
 - (a) Repeat three times.
3. Leave 9 open.
4. On control panel, NEW FILL → ENTER → EXECUTE

Flush Lines

1. Close MV 09.
2. On control panel, FLUSH → BUFFER → ENTER → EXECUTE.
3. Open 8. Repeat until PSW 02 and P 102 show 0.
4. Close 6.
5. Open 4, 6, F3 with P101 at 5.
6. Open and close 9.

7. PURGE LINE → BUFFER → ENTER → EXECUTE

8. Close F3, 4, 6, 9. Everything should be closed now.

Vacuum lines

(a) 10, 8, 6, F3 (approx 5 sec)

(b) F3, 6, 8, 10 (P 102 goes to 0)

Purge Lines

(a) 4, 6, F3 (with 2, 3 open)

(b) F3, 6, 4 (P 102 goes to 60)

9. Repeat Vacuum/Purse 3-4 times, ending on Vacuum cycle.

10. Close R 02, R 01, cylinders, 2, 3.

11. Press F4 on control panel to check filter.