PLASMA ETCHER 500 II USER OPERATION

Equipment Operation:
1. Turn on the vacuum pump located next to the plasma cleaner.
2. Turn the main power on (red bottom).
3. Open the vacuum toggle switch (labeled as VAC in front panel), and check the throttle pressure on the display (Wait until the pressure stabilizes between 0.100 Torr - 450 Torr. The pressure should not be oscillating abruptly). Write down this value.
4. Open gas 1 toggle switch (oxygen).
5. Adjust and stabilize the pressure at approximately 0.060 Torr - 0.080 Torr difference from the vacuum pressure obtained previously. Wait approximately 2 mins.
6. Turn on the RF power switch and set the power at desired power depending on the process.
7. Turn off the RF power.
8. Turn off gas 1.
9. Turn off vacuum.
10. Switch to open vent toggle switch.
11. Wait until the door can be opened and TURN OFF THE VENT.